

BAB V

IMPLEMENTASI SISTEM

Pada bab V akan menjelaskan tentang desain program dan koding program. Berikut ini tampilan-tampilan halaman yang ada di dalam program sales maupun supervisor.

5.1 Spesifikasi Perangkat Keras

Perangkat keras yang digunakan dalam pembuatan aplikasi adalah:

1. Intel Core i3-7020u CPU @ 2.30Ghz.
2. Ram 12GB.
3. Hardisk 1TB, SSD M2 128GB.

5.2 Spesifikasi Perangkat Lunak

1. Android Studio.
2. Sublim Text Editor.
3. Visual Studio Code.
3. XAMPP.

5.3 Batasan Implementasi Sistem

Tahapan implementasi pada sistem ini merupakan kelanjutan dari tahapan perancangan sistem yang telah di uraikan sebelumnya pada bab IV, pada bab ini juga akan diuraikan tentang fitur-fitur aplikasi dari perancangan sistem yang telah dibuat sebelumnya.

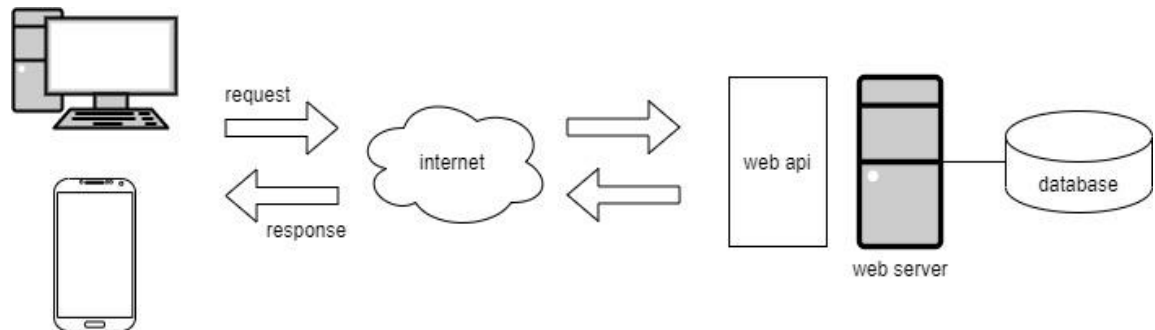
5.4. Implementasi Sistem

Implementasi pada sistem ini memiliki beberapa proses yang sudah di uraikan pada bab VI, dan terbagi menjadi beberapa proses, dan form. Koding dari implementasi sistem ini cantumkan pada bab ini.

5.5 Implementasi Infrastruktur Program

5.5.1 Web Api

Web service terdiri dari kumpulan fungsi dan method yang berpusat pada sebuah server yang dapat dipanggil oleh pengguna, dimana kita dapat mengakses method-method tersebut meskipun dengan bahasa pemrograman maupun platform yang berbeda



5.5.2 Desain MVC

1. Model

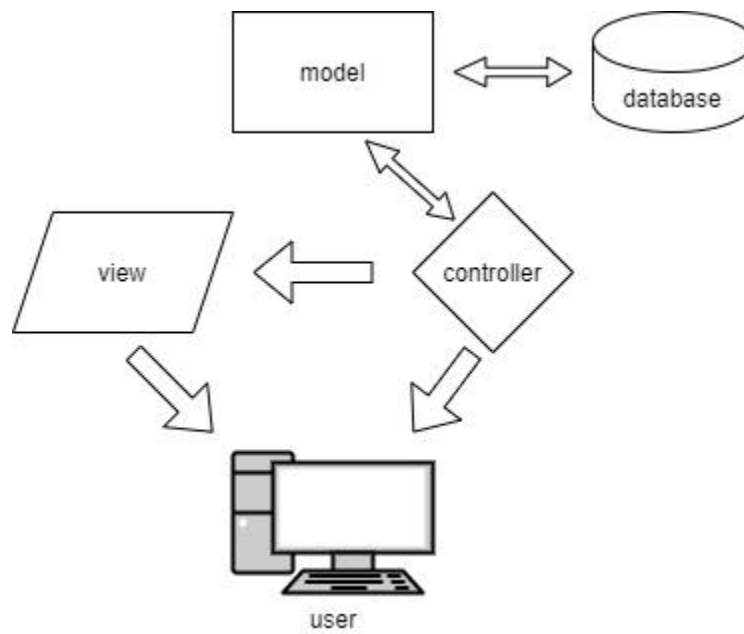
Model adalah bagian kode program yang menangani query atau database. Jadi isi dari model merupakan bagian (fungsi-fungsi) yang berhubungan langsung dengan database

2. View

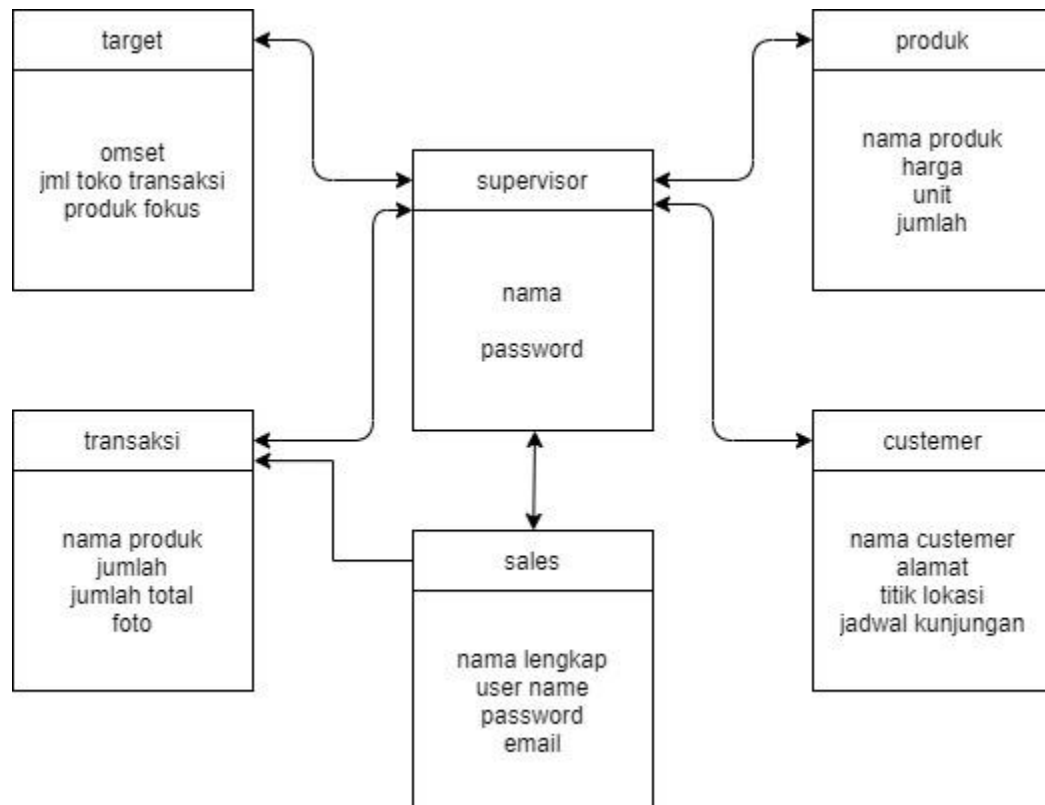
View adalah bagian kode program yang mengatur tampilan website. Pada aplikasi web bagian view biasanya berupa file template HTML, yang diatur oleh *controller*.

3. Controller

Controller merupakan bagian yang menjembatani model dan view. Controller berisi perintah-perintah yang berfungsi untuk memproses suatu data dan mengirimkannya ke halaman web. Controller berfungsi untuk menerima request dan data dari user kemudian menentukan apa yang akan diproses oleh aplikasi.



5.5.3 Desain Database



5.5 Implementasi Antarmuka

Implementasi antarmuka merupakan tampilan sistem secara keseluruhan dan jika sistem pertama kali dijalankan maka akan tampil adalah jendela utama seperti pada gambar 5.5.1 di bawah ini:

Penjabaran pada aplikasi sales yang berbasis android dari masing-masing bagian *frame interface* adalah sebagai berikut.



Gambar 5.1

Nomor 1 yaitu *Header* merupakan tempat untuk menuliskan judul. Dan pada sebelah pojok kiri atas terdapat menu untuk tombol *logout* dari aplikasi sales.

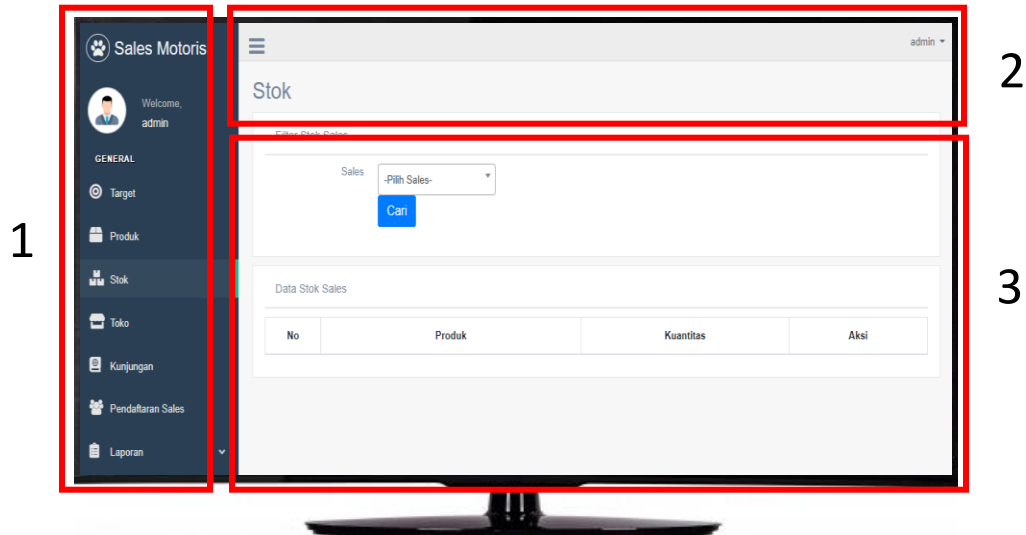
Nomor 2 yaitu bagian terbesar dari *interface* adalah pada isi atau konten yang nantinya akan berisi beberapa informasi terkait tujuan perancangan aplikasi sales.

Nomor 3 yaitu bagian navigasi diletakkan dengan posisi horizontal di bagian bawah aplikasi dengan maksud memudahkan *user* menemukan navigasi yang diinginkan.

Setelah *frame interface* dibuat, selanjutnya adalah memberi warna pada *frame interface* yang dibuat. Warna yang dipilih sangat minimal dengan mempertimbangkan

kenyamanan pengguna. Simbol-simbol yang digunakan juga sederhana dan mudah dimengerti

Penjabaran pada aplikasi supervisor yang berbasis web dari masing-masing bagian *frame interface* adalah sebagai berikut.



Gambar 5.2

Nomor 1 yaitu bagian navigasi diletakkan dengan posisi vertikal di bagian kiri aplikasi dengan maksud memudahkan *user* menemukan navigasi yang diinginkan.

Nomor 2 yaitu *Header* merupakan tempat untuk menuliskan judul. Dan pada sebelah pojok kiri atas terdapat menu untuk tombol *logout* dari aplikasi supervisor.

Nomor 3 yaitu bagian terbesar dari *interface* adalah pada isi atau konten yang nantinya akan berisi beberapa informasi terkait tujuan perancangan aplikasi supervisor.

Setelah *frame interface* dibuat, selanjutnya adalah memberi warna pada *frame interface* yang dibuat. Warna yang dipilih sangat minimal dengan mempertimbangkan kenyamanan pengguna. Simbol-simbol yang digunakan juga sederhana dan mudah dimengerti

5.5.1 Aplikasi Sales

5.5.1.1 Halaman Login

Halaman login ini berfungsi untuk membedakan akun sales satu dengan yang lainnya, jadi setiap sales memiliki akun yang berbeda beda.



Gambar 5.1

Dan berikut ini kodingan dari halaman login.

A. Koding layout XML.

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:fillViewport="true"
    tools:context=".activity.login.LoginActivity">

    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/img_login_bg">

        <com.google.android.material.textfield.TextInputLayout
            android:id="@+id/textinput_login_username"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Username"
            android:textColorHint="#FFFFFF"
```

```

        android:layout_marginTop="50dp"
        android:layout_marginStart="35dp"
        android:layout_marginEnd="35dp"
        app:layout_constraintTop_toBottomOf="@id/imageview_login_logo"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintEnd_toEndOf="parent">

app:layout_constraintTop_toBottomOf="@id/textinput_login_username"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent">

    <EditText
        android:id="@+id/edittext_login_password"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:drawableStart="@drawable/ic_lock"
        android:drawableLeft="@drawable/ic_lock"
        android:drawablePadding="8dp"
        android:textColor="#FFFFFF"
        android:imeOptions="actionDone"
        android:maxLines="1"
        android:backgroundTint="#FFFFFF"
        android:inputType="textPassword"/>

</com.google.android.material.textfield.TextInputLayout>

<Button
    android:id="@+id/button_login"
    android:layout_width="match_parent"
    android:layout_height="60dp"
    app:backgroundTint="#57869B"
    android:text="Masuk"
    android:textAllCaps="false"
    android:textSize="16sp"
    android:textColor="@color/colorAccent"
    android:fontFamily="@font/roboto_medium"
    android:layout_marginTop="50dp"
    android:layout_marginStart="35dp"
    android:layout_marginEnd="35dp"
    android:layout_marginLeft="35dp"
    android:layout_marginBottom="25dp"

app:layout_constraintTop_toBottomOf="@id/textinput_login_password"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent" />

<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_login"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="50dp"
    android:layout_marginStart="35dp"
    android:layout_marginEnd="35dp"

```

```

        android:layout_marginLeft="35dp"
        android:layout_marginBottom="25dp"

        app:layout_constraintTop_toBottomOf="@id/textinput_login_password"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintEnd_toEndOf="parent" />

    </androidx.constraintlayout.widget.ConstraintLayout>

</ScrollView>

```

B. Koding Java

```

package com.salesmotoris.activity.login

class LoginActivity : BaseMvpActivity<LoginContract.View,
LoginContract.Presenter>(), LoginContract.View {

    override var mPresenter: LoginContract.Presenter = LoginPresenter()

    override fun showResponseMessage(response: Login.LoginResponse) {
        progress_login.visibility = View.GONE
        button_login.visibility = View.VISIBLE

        if (response.meta.code == 200){
            toast(response.meta.message)

            val data: MutableMap<String, String> = mutableMapOf()
            data["id"] = response.data.id.toString()
            data["username"] = response.data.username
            data["email"] = response.data.email
            mPresenter.saveUserData(response.data.api_token, data)
            startActivity(Intent(this, HomeActivity::class.java))
            finish()
        }
    }

    override fun hideProgress() {
        progress_login.visibility = View.GONE
        button_login.visibility = View.VISIBLE
    }

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_login)

        Picasso.get().load(R.drawable.img_logo_white).into(imageview_login_logo)
        button_login.setOnClickListener {
            when {
                TextUtils.isEmpty(edittext_login_username.text.toString()) -
            }
        }
        edittext_login_username.error = "Username must not be

```



```

empty"
    }
    TextUtils.isEmpty(edittext_login_password.text.toString()) -
> {
    edittext_login_password.error = "Password must not be
empty"
    }
    else -> {
    edittext_login_username.error = null
    edittext_login_password.error = null

    progress_login.visibility = View.VISIBLE
    button_login.visibility = View.GONE

    mPresenter.submitLoginData(edittext_login_username.text.toString(),
    edittext_login_password.text.toString())
    }
    }
    }
}

```

5.5.1.2 Halaman Home

Halaman home sales menampilkan informasi tentang jumlah omset hari kemaren, jumlah toko transaksi hari ini, dan jumlah omset hari ini, agar memudahkan sales mengetahui pencapaian berdagang hari ini



Gambar 5.2

Dan berikut ini kodingan dari halaman Home.

A. Koding layout XML.

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".fragment.home.HomeFragment">

    <LinearLayout
        android:id="@+id/container_home"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="15dp"
            android:layout_marginStart="15dp"
            android:layout_marginEnd="15dp">
            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="vertical">
                <androidx.constraintlayout.widget.ConstraintLayout
                    android:layout_width="match_parent"
                    android:layout_height="wrap_content"
                    android:background="@color/colorPrimaryDark">
                    <TextView
                        android:layout_width="wrap_content"
                        android:layout_height="wrap_content"
                        android:layout_marginTop="5dp"
                        android:layout_marginBottom="5dp"
                        android:layout_marginStart="10dp"
                        android:layout_marginLeft="10dp"
                        android:text="Laporan kemarin"
                        android:textColor="@color/colorAccent"
                        android:fontFamily="@font/roboto_regular"
                        app:layout_constraintTop_toTopOf="parent"
                        app:layout_constraintBottom_toBottomOf="parent"
                        app:layout_constraintStart_toStartOf="parent"/>
                    <TextView
                        android:id="@+id/textview_home_yesterday_date"
                        android:layout_width="wrap_content"
                        android:layout_height="wrap_content"
                        android:layout_marginTop="5dp"
                        android:layout_marginBottom="5dp"
                        android:layout_marginEnd="10dp"
                        android:layout_marginRight="10dp"
                        android:textColor="@color/colorAccent"
```

```

        android:fontFamily="@font/roboto_regular"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        tools:text="27 Agustus 2019"/>
    </androidx.constraintlayout.widget.ConstraintLayout>
    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        app:cardBackgroundColor="#74B3CE">
        <LinearLayout
            android:fontFamily="@font/nunitosans_bold"
            android:textSize="40sp"
            android:layout_gravity="center"
            tools:text="Rp 1.230.000"/>
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginBottom="10dp"
                android:textColor="@color/colorAccent"
                android:fontFamily="@font/roboto_regular"
                android:text="total pendapatan yang diperoleh"
                android:textSize="14sp"
                android:layout_gravity="center"/>
            </LinearLayout>
        </androidx.cardview.widget.CardView>
    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="15dp"
    android:layout_marginStart="15dp"
    android:layout_marginEnd="15dp">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical">
    </androidx.cardview.widget.CardView>

</LinearLayout>

<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_home"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:indeterminate="true"
    android:indeterminateTint="@color/colorPrimaryDark"
    android:indeterminateTintMode="src_in"
    android:layout_gravity="center_vertical|center_horizontal"/>
</FrameLayout>

```

B. Koding Java

```
package com.salemotoris.activity.home

class HomeActivity : AppCompatActivity() {

    private lateinit var navHeader: View
    private lateinit var navHeaderName: TextView
    private lateinit var navHeaderWebsite: TextView
    private lateinit var navHeaderBg: ImageView
    private lateinit var navHeaderProfile: ImageView
    private lateinit var toolbarTitle: Array<String>

    private var navItemIndex = 0

    companion object{
        private const val TAG_HOME = "home"
        private const val TAG_PROFILE = "profile"
        private const val TAG_LOGOUT = "logout"
    }
    private fun initBottomNav() {
        val item1 = AHBottomNavigationItem("Beranda", R.drawable.ic_home)
        val item2 = AHBottomNavigationItem("Kunjungan", R.drawable.ic_note)
        val item3 = AHBottomNavigationItem("Transaksi",
R.drawable.ic_transaction)
        val item4 = AHBottomNavigationItem("Stok", R.drawable.ic_box)

        bottomnav_main.addItem(item1)
        bottomnav_main.addItem(item2)
        bottomnav_main.addItem(item3)
        bottomnav_main.addItem(item4)

        bottomnav_main.defaultBackgroundColor = Color.parseColor("#FFFFFF")
        bottomnav_main.accentColor = ContextCompat.getColor(this,
            R.color.colorPrimaryDark
        )
        bottomnav_main.inactiveColor = ContextCompat.getColor(this,
R.color.colorDisable)

        bottomnav_main.titleState =
AHBottomNavigation.TitleState.ALWAYS_SHOW

        bottomnav_main.currentItem = 0

        bottomnav_main.setOnTabSelectedListener { position, _ ->
            var bottomNavFragment: Fragment? = null
            when (position) {
                0 -> {
                    bottomNavFragment =
                        HomeFragment()
                    toolbar_main.title = "Beranda"
                }
                1 -> {
                    bottomNavFragment =
                        VisitationFragment()
                }
            }
        }
    }
}
```

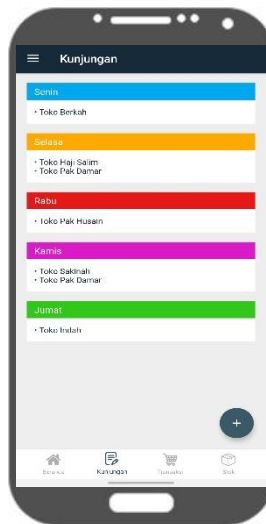
```

        toolbar_main.title = "Kunjungan"
    }
    2 -> {
        bottomNavFragment =
            TransactionFragment()
        toolbar_main.title = "Transaksi"
    }
    3 -> {
        bottomNavFragment =
            StockFragment()
        toolbar_main.title = "Stok"
    }
}
bottomNavFragment?.let {
    supportFragmentManager.beginTransaction()
        .replace(R.id.frame_main, it)
        .commitAllowingStateLoss()
}
true
}
}
}
}

```

5.5.1.3 Halaman Daftar Kunjungan

Daftar jadwal kunjungan sales berfungsi menampilkan jadwal kunjungan setiap hari sales tersebut. Data-data kunjungan sales tersebut diambil dari data pada Supervisor.



Gambar 5.3

Berikut kodingan Halaman daftar kunjungan di bawah ini.

A. Kodingan layout xml.

```

<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

```

```

xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
xmlns:app="http://schemas.android.com/apk/res-auto"
android:background="#EEEEEE"
tools:context=".fragment.visitation.VisitationFragment">

<ScrollView
    android:id="@+id/container_visitation"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_margin="18dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginTop="18dp"
            android:orientation="vertical"
            android:background="@color/colorAccent">
            <androidx.constraintlayout.widget.ConstraintLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:background="#33C71C">
                <TextView
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_marginTop="5dp"
                    android:layout_marginBottom="5dp"
                    android:layout_marginStart="12dp"
                    android:layout_marginLeft="12dp"
                    android:text="Jumat"
                    android:textSize="16sp"
                    android:textColor="@color/colorAccent"
                    android:fontFamily="@font/roboto_regular"
                    app:layout_constraintTop_toTopOf="parent"
                    app:layout_constraintBottom_toBottomOf="parent"
                    app:layout_constraintStart_toStartOf="parent"/>
            </androidx.constraintlayout.widget.ConstraintLayout>
            <TextView
                android:id="@+id/textview_visitation_jumat"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_margin="12dp"
                android:fontFamily="@font/roboto_regular"
                android:textColor="@color/colorPrimary"
                tools:text=""/>
        </LinearLayout>

    </LinearLayout>

```

```

</ScrollView>

<com.google.android.material.floatingactionbutton.FloatingActionButton
    android:id="@+id/fab_visitation"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    android:src="@drawable/ic_add"
    app:backgroundTint="@color/colorPrimaryDark"
    app:borderWidth="0dp"
    android:layout_gravity="bottom|end"/>

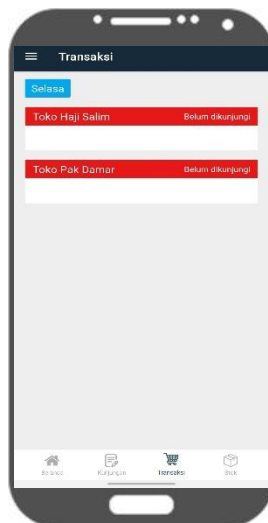
<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_visitation"
    android:layout_width="wrap_content"
    android:indeterminate="true"
    android:indeterminateTint="@color/colorPrimaryDark"
    android:indeterminateTintMode="src_in"
    android:layout_gravity="center_vertical|center_horizontal"/>

</FrameLayout>

```

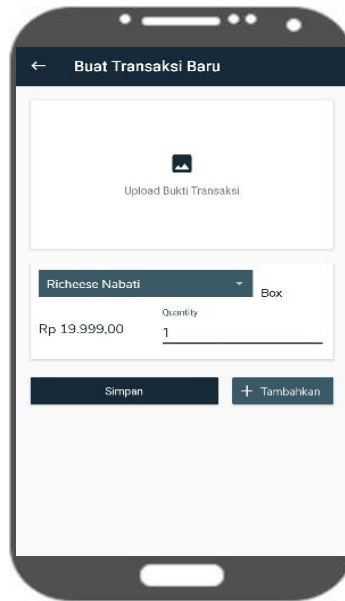
5.5.1.4 Halaman Transaksi

Pada halaman transaksi ini berfungsi sebagai menginputkan data, saat proses transaksi antara sales dengan toko, pada halaman tersebut menampilkan nama-nama toko untuk akan melakukan transaksi pada hari ini seperti pada gambar 5.4 dibawah ini.



Gambar 5.4

Untuk memulai proses transaksi, pertama masuk ke halaman transaksi dengan memilih menu toko yang sudah ada pada list toko hari itu. Akan muncul halaman seperti pada gambar 6.5 dibawah ini.



Gambar 5.5

Berikut kodingan dari halaman utama transaksi.

A. Koding Layout halaman transaksi XML.

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".fragment.transaction.TransactionFragment">

    <ScrollView
        android:id="@+id/container_transaction"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:fillViewport="true">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="vertical"
            android:background="#EEEEEE">

            <androidx.cardview.widget.CardView
                android:id="@+id/container_transaction_current_day"
```



```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="14dp"
        android:layout_marginStart="18dp"
        android:layout_marginLeft="18dp"
        app:cardBackgroundColor="#00A9EE">

        <FrameLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content">

            <TextView
                android:id="@+id/textview_transaction_current_day"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginTop="5dp"
                android:layout_marginBottom="5dp"
                android:layout_marginStart="10dp"
                android:layout_marginEnd="10dp"
                android:fontFamily="@font/roboto_regular"
                android:textColor="@color/colorAccent"
                android:textSize="18sp"
                tools:text="Hari: Senin"/>

            </FrameLayout>

        </androidx.cardview.widget.CardView>

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/recyclerview_transaction"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:paddingBottom="18dp"
            android:paddingStart="18dp"
            android:paddingEnd="18dp"
            android:clipToPadding="false"
            tools:listitem="@layout/item_transaction"/>

    </LinearLayout>

</ScrollView>

<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_transaction"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:indeterminate="true"
    android:indeterminateTint="@color/colorPrimaryDark"
    android:indeterminateTintMode="src_in"
    android:layout_gravity="center_vertical|center_horizontal"/>

</FrameLayout>

```

Berikut kodingan dari halaman memasukkan orderan toko.

A. Kodingan Layout memasukkan orderan XML.

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"

    tools:context=".activity.inputdetailtransaction.InputDetailTransactionActivi
    ty">

    <androidx.appcompat.widget.Toolbar
        android:id="@+id/toolbar_input_detail_transaksi"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@color/colorPrimary"
        app:title="Edit Transaksi"
        app:titleTextColor="@color/colorAccent"
        app:layout_constraintTop_toTopOf="parent"/>

    <ScrollView
        android:id="@+id/container_input_detail_transaction"
        android:layout_width="match_parent"
        android:layout_height="0dp"

        app:layout_constraintTop_toBottomOf="@id/toolbar_input_detail_transaksi"
        app:layout_constraintBottom_toBottomOf="parent">

        <androidx.constraintlayout.widget.ConstraintLayout
            android:layout_width="match_parent"
            android:layout_height="0dp"
            android:paddingBottom="10dp">

            <androidx.recyclerview.widget.RecyclerView
                android:id="@+id/recyclerview_input_detail_transaction"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:paddingStart="18dp"
                android:paddingEnd="18dp"
                android:paddingBottom="18dp"
                android:clipToPadding="false"
                android:overScrollMode="never"

                app:layout_constraintTop_toBottomOf="@id/cardview_input_detail_transaction"
                tools:listitem="@layout/item_input_detail_transaction"
                tools:itemCount="3"/>

            <Button
                android:id="@+id/button_input_detail_transaction_save"
                android:layout_width="0dp"
                android:layout_height="wrap_content"
```

```

        android:layout_marginStart="14dp"
        android:layout_marginEnd="10dp"
        android:text="Simpan"
        android:textAllCaps="false"
        android:fontFamily="@font/roboto_regular"
        android:textColor="@color/colorAccent"
        app:backgroundTint="@color/colorPrimary"

app:layout_constraintTop_toBottomOf="@id/recyclerview_input_detail_transaction"
    app:layout_constraintStart_toStartOf="parent"

app:layout_constraintEnd_toStartOf="@id/button_input_detail_transaction_add"
/>
</androidx.constraintlayout.widget.ConstraintLayout>

</ScrollView>

<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_input_detail_transaction"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="8dp"
    android:indeterminate="true"
    android:indeterminateTint="@color/colorPrimaryDark"
    android:indeterminateTintMode="src_in"

app:layout_constraintTop_toBottomOf="@id/toolbar_input_detail_transaksi"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"/>

</androidx.constraintlayout.widget.ConstraintLayout>

```

B. Kodingan Java

```

package com.salesmotoris.activity.inputdetailtransaction

class InputDetailTransactionActivity :
    BaseMvpActivity<InputDetailTransactionContract.View,
    InputDetailTransactionContract.Presenter>(),
    InputDetailTransactionContract.View,
    RecyclerViewItemTouchHelper.RecyclerViewItemTouchHelperListener, IPickResult {

    companion object {
        private const val IMAGE_REQUEST_CODE = 1
    }
    private lateinit var transactionImage: File
    private var currentLatitude = 0.0
    private var currentLongitude = 0.0
    private val adapter = InputDetailTransactionAdapter()
    private val sharedPreferences: SalesMotorisPref by lazy {
        SalesMotorisPref(this) }
}

```

```

        private val detailTransactions:
MutableList<DetailTransaction.DetailTransaction> = mutableListOf()
        private val defaultDetailTransaction:
DetailTransaction.DetailTransaction by lazy {
            DetailTransaction.DetailTransaction(
                "Richeese Nabati",
                null,
                null,
                1,
                null
            )
        }

        override var mPresenter: InputDetailTransactionContract.Presenter =
InputDetailTransactionPresenter()

        override fun showResponse(response:
DetailTransaction.DetailTransactionResponse) {
            ApiManager.getProducts(SalesMotorisPref(this).accessToken!!)
                .doOnError { Log.d("product_error", it.message.toString()) }
                .subscribe {

adapter.addDetailTransactionsAndProduct(response.data.detail_transaction,
it.data)

                progress_input_detail_transaction.visibility = View.GONE
                container_input_detail_transaction.visibility =
View.VISIBLE

                scrollToBottom()
            }
        }

        override fun showSubmitResponse(response: Meta) {
            progress_input_detail_transaction_save.visibility = View.GONE
            button_input_detail_transaction_save.visibility = View.VISIBLE

            toast(response.message)
            if (response.code == 200) {
                finish()
            }
        }

        @RequiresApi(Build.VERSION_CODES.KITKAT)
        override fun onPickResult(result: PickResult?) {
            result?.let {
                if (result.error == null) {
                    Log.d("image_uri", "image uri ${result.uri}")
                    CoroutineScope(Dispatchers.Main).launch(Dispatchers.IO) {
                        val compressedImageFile = Compressor.compress(
                            this@InputDetailTransactionActivity,
                            File(PathFromUri.getPathFromUri(this@InputDetailTransactionActivity,
                                result.uri))
                        )
                        transactionImage = compressedImageFile
                    }
                }
            }
        }
    }
}

```

```

        val bitmap = result.bitmap
        imageView_input_detail_transaction.setImageBitmap(bitmap)
        linear_placeholder_input_detail_transaction.visibility =
View.GONE
    } else {
        toast("Terjadi kesalahan")
        Log.d("file picker error", "${result.error.message}")
    }
}

}

override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    setContentView(R.layout.activity_input_detail_transaction)

    setNavBack()
    initRecycler()

    val transactionId = intent.getStringExtra("transaction_id")!!
    if (transactionId == "0") {
        toolbar_input_detail_transaksi.title = "Buat Transaksi Baru"
        ApiManager.getProducts(SalesMotorisPref(this).accessToken!!)
            .doOnError { Log.d("product_error", it.message.toString()) }
            .subscribe {

adapter.addDetailTransactionAndProduct(defaultDetailTransaction, it.data)
        }
    } else {
        toolbar_input_detail_transaksi.title = "Edit Transaksi"
        progress_input_detail_transaction.visibility = View.VISIBLE
        container_input_detail_transaction.visibility = View.GONE
        mPresenter.getDetailTransactions(sharedPref.accessToken!!,
transactionId, sharedPref.id!!)
    }

    imageView_input_detail_transaction.setOnClickListener {
        PickImageDialog.build(
            PickSetup()
                .setSystemDialog(true)
                .setPickTypes(EPickType.CAMERA)
        ).show(this)
    }

    button_input_detail_transaction_add.setOnClickListener {
        ApiManager.getProducts(SalesMotorisPref(this).accessToken!!)
            .doOnError { Log.d("product_error", it.message.toString()) }
            .subscribe {

adapter.addDetailTransactionAndProduct(defaultDetailTransaction, it.data)
        adapter.addScrollListener(object :
InputDetailTransactionAdapter.OnScroll {
            override fun onScrollToBottom() {
                scrollToBottom()
            }
        })
    }
}

```

```

        })
    }
}

adapter.addProductListener(object :
InputDetailTransactionAdapter.OnProductModified {
    override fun onProductModified(
        detailTransaction: DetailTransaction.DetailTransaction?,
        position: Int,
        isQuantityUpdated: Boolean) {
        if (detailTransaction != null) {
            if (position > detailTransactions.size - 1) {
                detailTransactions.add(detailTransaction)
            } else {
                if (!isQuantityUpdated) {
                    detailTransactions[position] = detailTransaction
                } else {
                    detailTransactions[position].quantity =
detailTransaction.quantity
                    detailTransactions[position].sub_total =
detailTransactions[position].price?.times(detailTransaction.quantity)
                }
            }
        } else {
            detailTransactions.removeAt(position)
        }
        Log.d("detail_transaction",
Gson().toJson(detailTransactions))
    }
})

button_input_detail_transaction_save.setOnClickListener {
    val dataTransactionBody:
MutableList<DetailTransaction.DataTransactionBody> = mutableListOf()
    ApiManager.getProducts(sharedPref.accessToken!!)
        .doOnError { Log.d("product_error", it.message.toString()) }
        .subscribe {
            it.data.forEach { product ->
                detailTransactions.forEach { detail ->
                    if (product.name == detail.product) {
                        dataTransactionBody.add(
DetailTransaction.DataTransactionBody(product.id, detail.quantity,
detail.sub_total!!)
                    )
                }
            }
        }
    }
    val dataTransactionJson =
Gson().toJson(dataTransactionBody).toRequestBody("text/plain".toMediaTypeOrNull())

    val totalItems = dataTransactionBody.sumBy {
transactionBody -> transactionBody.quantity }

```

```

.toString().toRequestBody("text/plain".toMediaTypeOrNull())
        val totalIncome = dataTransactionBody.sumBy {
transactionBody -> transactionBody.sub_total }

.toString().toRequestBody("text/plain".toMediaTypeOrNull())
        val visitationId =
intent.getStringExtra("visitation_id")!!
        .toRequestBody("text/plain".toMediaTypeOrNull())
        val storeId = intent.getStringExtra("store_id")!!
        .toRequestBody("text/plain".toMediaTypeOrNull())

        if (::transactionImage.isInitialized) {
            val fileReqBody =
transactionImage.asRequestBody("image/*".toMediaTypeOrNull())
            val image = MultipartBody.Part.createFormData(
                "image",
                transactionImage.name,
                fileReqBody
            )
            if (currentLatitude != 0.0 && currentLongitude !=
0.0) {
                val currentLocation =
DetailTransaction.Coordinate(currentLatitude, currentLongitude)
                val currentLocationJson =
Gson().toJson(currentLocation)

                .toRequestBody("text/plain".toMediaTypeOrNull())

progress_input_detail_transaction_save.visibility = View.VISIBLE
                button_input_detail_transaction_save.visibility
= View.GONE

                mPresenter.submitDetailTransaction(
                    sharedPref.accessToken!!,
                    sharedPref.id!!,
                    dataTransactionJson,
                    totalIncome,
                    totalItems,

transactionId.toRequestBody("text/plain".toMediaTypeOrNull()),
                    visitationId,
                    storeId,
                    currentLocationJson,
                    image
                )
            } else {
                LongToast("Mohon aktifkan gps atau koneksi anda
terlebih dahulu")
            }
        } else {
            toast("Mohon pilih gambar terlebih dahulu")
        }
    }
}
}

```

```

    }

    override fun onResume() {
        super.onResume()

        val gpsTracker = GPSTracker(this)
        if (gpsTracker.getIsGPSTrackingEnabled()) {
            val currentLocation =
                "${gpsTracker.getLatitude()}\n${gpsTracker.getLongitude()}\n${gpsTracker.getAddressLine(this)}"
            Log.d("current_location", currentLocation)

            currentLatitude = gpsTracker.getLatitude()
            currentLongitude = gpsTracker.getLongitude()
        } else {
            gpsTracker.showSettingsAlert()
        }
    }

    private fun scrollToBottom() {
        container_input_detail_transaction.post {
            container_input_detail_transaction.fullScroll(View.FOCUS_DOWN)
        }
    }

    private fun initRecycler() {
        recyclerview_input_detail_transaction.adapter = adapter
        recyclerview_input_detail_transaction.layoutManager =
            LinearLayoutManager(this)
        recyclerview_input_detail_transaction.isNestedScrollingEnabled = true
        recyclerview_input_detail_transaction.itemAnimator =
            DefaultItemAnimator()
        val itemTouchHelperCallback = RecyclerViewItemTouchHelper(0,
            ItemTouchHelper.LEFT, this)

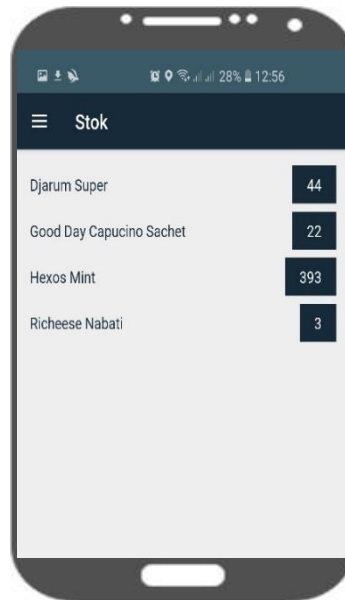
    }

    private fun setNavBack() {
        toolbar_input_detail_transaksi.setNavigationIcon(R.drawable.ic_nav_back)
        toolbar_input_detail_transaksi.setNavigationOnClickListener {
            finish()
        }
    }
}

```


5.5.1.4 Halaman Stok

Halaman ini untuk menampilkan sisa stok produk yang dibawah sales untuk berdagang. Data Stok Produk tersebut sudah ditentukan oleh Supervisor. Bila terjadi transaksi maka stok produk akan berkurang sesuai dengan produk sales yang dibeli oleh toko.



Gambar 5.6

Berikut ini kodingan untuk halaman Stok Produk.

A. Kodingan Layout XML.

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    tools:context=".fragment.stock.StockFragment"
    android:background="#EEEEEE">

    <ScrollView
        android:id="@+id/container_stock"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:fillViewport="true">

        <androidx.constraintlayout.widget.ConstraintLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content">
```

```

        <androidx.recyclerview.widget.RecyclerView
            android:id="@+id/recyclerview_stock"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:paddingStart="16dp"
            android:paddingEnd="16dp"
            android:paddingTop="8dp"
            android:paddingBottom="8dp"
            android:clipToPadding="false"
            tools:listitem="@layout/item_stock"/>

    <com.google.android.material.floatingactionbutton.FloatingActionButton
        android:visibility="gone"
        android:id="@+id/fab_stock"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="20dp"
        android:src="@drawable/ic_remove_white"
        app:backgroundTint="@color/colorPrimaryDark"
        app:borderWidth="0dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"/>

    </androidx.constraintlayout.widget.ConstraintLayout>

</ScrollView>

<ProgressBar
    android:visibility="gone"
    android:id="@+id/progress_stock"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:indeterminate="true"
    android:indeterminateTint="@color/colorPrimaryDark"
    android:indeterminateTintMode="src_in"
    android:layout_gravity="center_vertical|center_horizontal"/>

</FrameLayout>

```

B. Kodingan Java

```

package com.salesmotoris.activity.takestock

class TakeStockActivity : BaseMvpActivity<TakeStockContract.View,
TakeStockContract.Presenter>(), TakeStockContract.View {

    override var mPresenter: TakeStockContract.Presenter =
TakeStockPresenter()
    private var productId = ""

    override fun showProducts(response: Product.ProductResponse) {
        progress_take_stock_main.visibility = View.GONE
        container_take_stock.visibility = View.VISIBLE
    }
}

```

```

        spinner_take_stock.adapter = ProductAdapter(this, response.data)
        spinner_take_stock.setSelection(0)
        spinner_take_stock.onItemSelectedListener = object :
OnItemSelectedListener {
            override fun onItemSelected(
                parentView: AdapterView<*>?,
                selectedItemView: View,
                position: Int,
                id: Long
            ) {
                textview_take_stock_unit.text = response.data[position].unit
                productId = response.data[position].id.toString()
            }

            override fun onNothingSelected(parentView: AdapterView<*>?) {
            }
        }
    }

    override fun showSubmitResponse(response: Meta) {
        progress_take_stock_submit.visibility = View.GONE
        button_take_stock.visibility = View.VISIBLE

        toast(response.message)
        resetUi()
    }

    override fun hideMainProgress() {
        progress_take_stock_main.visibility = View.GONE
        container_take_stock.visibility = View.VISIBLE
    }

    override fun hideButtonProgress() {
        progress_take_stock_submit.visibility = View.GONE
        button_take_stock.visibility = View.VISIBLE
    }

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_take_stock)

        setBackNav()

        progress_take_stock_main.visibility = View.VISIBLE
        container_take_stock.visibility = View.GONE
        val accessToken = SalesMotorisPref(this).accessToken
        accessToken?.let {
            mPresenter.getProducts(it)
        }
        button_take_stock.setOnClickListener {
            progress_take_stock_submit.visibility = View.VISIBLE
            button_take_stock.visibility = View.GONE
            accessToken?.let {
                mPresenter.submitTakeStock(it, productId,

```

```

edittext_take_stock_qty.text.toString())
    }
}

private fun resetUi(){
    spinner_take_stock.setSelection(0)
    edittext_take_stock_qty.text = null
}

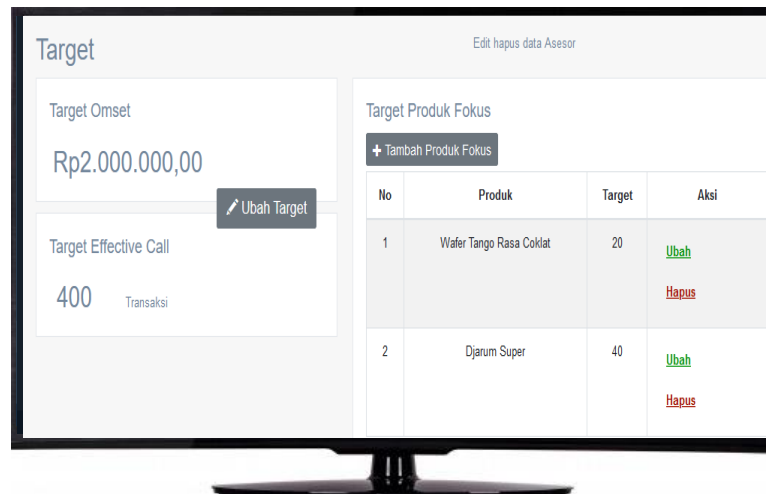
private fun setBackNav() {
    toolbar_take_stock.setNavigationIcon(R.drawable.ic_nav_back)
    toolbar_take_stock.setNavigationOnClickListener {
        setResult(Activity.RESULT_OK, Intent())
        finish()
    }
}
}

```

5.5.2 Aplikasi Supervisor

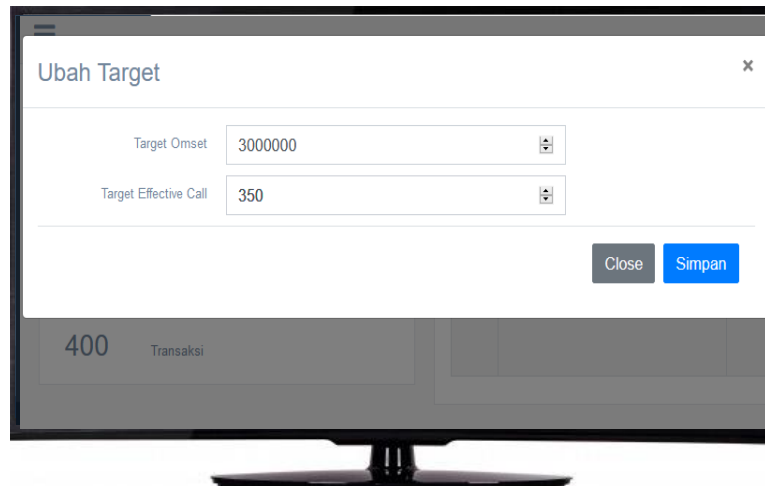
5.5.2.1 Halaman Target

Di halaman Target ini menampilkan info target penjualan sales meliputi omzet, effective call, dan produk fokus, penjelasan dari omzet adalah jumlah uang hasil penjualan produk, untuk effective call adalah jumlah toko yang transaksi dr jumlah daftar kunjungan hari itu, sedangkan untuk produk fokus adalah produk yang ditekankan untuk lebih terjual dari pada prodak lainnya,



Gambar 5.7

pada masing-masing data informasi tersebut, Supervisor juga bisa mengubah datanya seperti pada gambar 5.8 dan 5.9 dibawah ini.



Gambar 5.8



Gambar 5.9

Berikut koding pada fitur target dibawah ini.

A. Koding View

```
<head>
  <meta charset="utf-8">
  <meta name="csrf-token" content="{{ csrf_token() }}">
  <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.12/css/select2.min.css">
</head>
<!-- page content -->
<body>
  <div class="right_col" role="main">
    <div class="page-title">
      <div class="title_left">
        <h3>Target</h3>
```

```

</div>
<div class="title_right">
  <div class="col-md-9 col-sm-9 form-group pull-right top_search">
    <span>Edit hapus data Asesor</span>
  </div>
  <div class="col-md-7 col-sm-12">
    <div class="x_panel">
      <h2>Target Produk Fokus</h2>
      <?php if (count($data['product_focus']) < 3) { ?>
        <button class="btn btn-sm btn-secondary" data-backdrop="static" data-
keyboard="false" data-toggle="modal" data-target=".modal-product-focus"
onclick="return add();"><span class="glyphicon glyphicon-plus" style="font-
size:12px;"></span> Tambah Produk Fokus</button>
      <?php } ?>
      <table class="table table-bordered table-striped" id="mytable">
        <thead>
          <tr><th width="50px"><center>No</center></th>
            <th><center>Produk</center></th>
            <th width="80px"><center>Target</center></th>
            <th width="160px"><center>Aksi</center></th>
          </tr>
        </thead>
        @foreach ($data['product_focus'] as $key=>$target)
          <tr>
            <td><center>{ { $key+1 } }</center></td>
            <td><center>{ { $target->name } }</center></td>
            <td><center>{ { $target->target } }</center></td>
            <td>
              <button type="button" class="btn transparent btn-green" data-
backdrop="static" data-keyboard="false" data-toggle="modal" data-target=".modal-
product-focus" onclick="return prFocusEdit({ { $target->id } });">Ubah</button>
              <button type="button" class="btn transparent btn-red" data-
backdrop="static" data-keyboard="false" data-toggle="modal" data-target=".modal-
confi" onclick="return delPrFocus(' { { $target->id } } ',' { { $target-
>name } } );">Hapus</button>
            </td>
          </tr>
        @endforeach
      </table>
    </div>
    <!-- target Modal -->
    <div class="modal fade modal-target" id="modal-target" tabindex="-1" role="dialog"
aria-hidden="true">
      <div class="modal-dialog modal-lg">
        <div class="modal-content">
          <div class="modal-header">

```

```

        <h4 class="modal-title" id="update-label">Ubah Target </h4><span> </span>
        <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">×</span>
        </button>
    </div>
    <div class="modal-body">
        <form action="{ {url('/') } }/target/product-focus" class="form-horizontal form-
label-left" method="POST">
            { {csrf_field() } }
            <input type="hidden" id="prFocusId" name="id">
            <div class="form-group row">
                <label class="control-label col-md-2 col-sm-2 label-align">Produk</label>
                <div class="col-md-9 col-sm-12">
                    <select class="form-control" style="width: 100%" id="prFocus"
name="id_product" required>
                        <option value="">-Pilih Produk-</option>
                        @foreach($data['product'] as $i)
                        <option value="{ { $i->id } }">{ { $i->name } }</option>
                        @endforeach
                    </select>
                </div>
                <div class="form-group row">
                    <label class="control-label col-md-2 col-sm-2 label-align">Target</label>
                    <div class="col-md-9 col-sm-12">
                        <input type="number" class="form-control" id="prFocusTarget"
name="target" required>
                    </div>
                </div>
            <!-- /page content-->
            @stack('scripts')
            <script src="{ { asset('resources/js/views/target.js') } }"></script>
            @endstack
            <script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyDpgqgMyPGWmhiw8yXy
JJ7UuNAOpBWBSDA"
async defer></script>
            @if (Session::has('add'))
                setTimeout(function() {
                    pnotify('Sukses', 'Target berhasil ditambahkan','success');
                }, 2000);
            @endif
        </script>
    </body>

```

B. Koding Controller

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use DB;
class TargetController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        $data['product_focus'] =
\App\ProductFocus::select('target_product_focus.id', 'target_product_focus.id_product',
'target_product_focus.target', 'products.name')
->join('products', 'products.id', '=', 'target_product_focus.id_product')
->get();
        $data['product'] = \App\Product::select('products.id', 'products.name',
'target_product_focus.id_product')
->join('target_product_focus', 'target_product_focus.id_product', '=',
'products.id', 'left outer')
->where('target_product_focus.id_product', '=', null)
->get();
        $data['target'] = \App\Target::first();
        // echo json_encode($data['product']);
        if ($data['product_focus']) {
            return \Template::display_gentelella('target_income', 'Target',
$data);
        } else {
            return redirect('target_income')->with('error', 'Data');
        }
    }
    function getEdit()
    {
        $target = \App\Target::first();
        echo json_encode($target);
    }
    function update(Request $request)
    {
        $update = \App\Target::where('id', '=', $request->id)->update($request-
>except(['_token']));
        if ($update) {
            return redirect('/')->with('update', 'Data');
        } else {
            return redirect('/')->with('error', 'Data');
        }
    }
    function prFocusGetEdit($id)
```



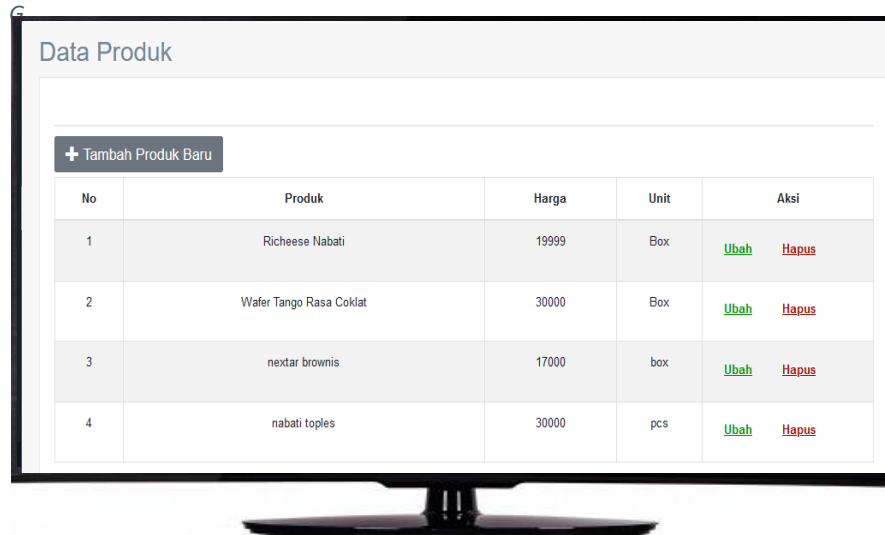
```

    {
        $target = \App\ProductFocus::where('id', $id)->first();
        $target->name = \App\Product::select('name')->where('id', $target-
>id_product)->first()->name;
        echo json_encode($target);
    }
    function prFocusAddUpdate(Request $request)
    {
        if ($request->id > 0) {
            $update = \App\ProductFocus::where('id','=', $request->id)->update($request-
>except(['_token']));
            if ($update) {
                return redirect('/')->with('update', 'Data');
            }else{
                return redirect('/')->with('error', 'Data');
            }
        }else{
            $add = \App\ProductFocus::create($request->except(['_token','id']));
            if ($add) {
                return redirect('/')->with('add', 'Data');
            }else{
                return redirect('/')->with('error', 'Data');
            }
        }
    }
    function prFocusDel(Request $request)
    {
        $del = \App\ProductFocus::where('id','=', $request->id)->delete();
        if ($del) {
            return redirect('/')->with('delete', 'Data');
        }else{
            return redirect('/')->with('error', 'Data');
        }
    }
}

```

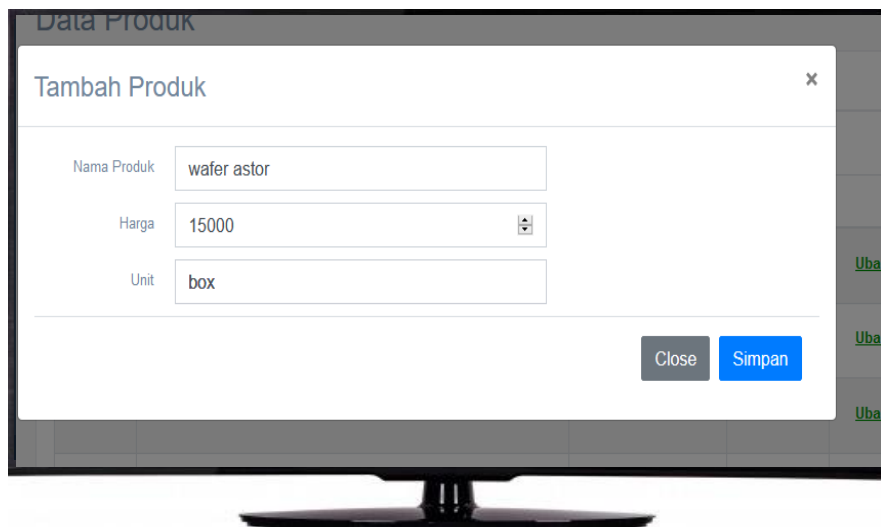
5.5.2.2 Halaman Produk

Prodak yang dibawa berdagang oleh sales akan ditentukan oleh supervisor, untuk menentukan barang apa saja yang akan dibawa, Supervisor masuk ke halaman prodak dengan memilih menu prodak di aplikasi Supervisor dan akan muncul halaman seperti pada gambar 6.22 dibawah ini.



Gambar 5.10

Di halaman tersebut Supervisor dapat melakukan menambahkan prodak baru dan prodak yng sudah terdata dapat di edit Kembali seperti pada gambar 5.11 dan 5.12 dibawah ini.



Gambar 5.11



Gambar 5.12

Berikut adalah koding halaman produk dibawah ini.

A. Koding view.

```
<head>
  <meta charset="utf-8">
  <meta name="csrf-token" content="{{ csrf_token() }}">
  <!-- <link rel="stylesheet" href="{{ {
asset('assets/table_horz_scroll/vendor/bootstrap/css/bootstrap.min.css') }}" -->
  <!-- <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"> -->
</head>
<!-- page content -->
<body>
  <div class="right_col" role="main">
    <div class="page-title">
      <div class="title_left">
        <h3>Data Produk</h3>
      </div>
      <div class="clearfix"></div>
      <button class="btn btn-secondary" data-backdrop="static" data-
keyboard="false" data-toggle="modal" data-target=".modal-product" onclick="return
add();"><span class="glyphicon glyphicon-plus"></span> Tambah Produk
Baru</button>

      <table class="table table-bordered table-striped" id="mytable">
        <thead>
          <tr><th width="80px"><center>No<center></th>
          <th><center>Produk</center></th>
        </tr>
```

```

</thead>
@foreach ($data['product'] as $key=>$product)
<tr>
<td><center>{{ $key+1 }}</center></td>
<td><center>{{ $product->name }}</center></td>
<button type="button" class="btn transparent btn-red" data-
backdrop="static" data-keyboard="false" data-toggle="modal" data-target=".modal-
confi" onclick="return delConfirm('{{ $product->id }}','{{ $product-
>name }}');">Hapus</button>
</td>
</tr>
@endforeach
</table>
</div>
<!-- Product Modal -->
<div class="modal fade modal-product" id="modal-product" tabindex="-1"
role="dialog" aria-hidden="true">
<div class="modal-dialog modal-lg">
</span>
<button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">×</span>
</button>
</div>
<div class="modal-body">
<form action="{{ url('/') }}/product" class="form-horizontal form-label-left"
method="POST">
{{ csrf_field() }}
<input type="hidden" id="storeId" name="id">
<div class="form-group row">
<label class="control-label col-md-2 col-sm-1 label-align">Nama
Produk</label>
</div>
<div class="form-group row">
<label class="control-label col-md-2 col-sm-2 label-align">Harga</label>
</div>
<!-- /page content-->
@stack('scripts')
<script src="{{ asset('resources/js/views/product.js') }}"></script>
@endstack
<script type="text/javascript">
function update(id) {
jQuery.ajax({
url: '{{ url('/') }}'.concat('/product/',id,'/edit'),
contentType: "application/json; charset=utf-8",
dataType: "json",
success: function (result) {

```

```

        if (result != '[]') {
            document.getElementById('update-label').innerHTML = 'Ubah Produk ' +
result.name;
            $('#storeId').val(result.id);
        },
        error: function (data, textStatus, errorThrown) {
            console.log(data);
            pnotify('Error', textStatus, 'error');
        }
    }
    @if (Session::has('add'))
    setTimeout(function() {
        pnotify('Sukses', 'Produk berhasil ditambahkan', 'success');
        console.log('aaaa');
    }, 2000);
    @endif
</script>
</body>

```

B. Koding Controller.

```

<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use Symfony\Component\HttpFoundation\Response;
class ProductController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        $data['product'] = \App\Product::get();
        return \Template::display_gentelella('product', 'Produk', $data);
        // return view('layouts.dashboard');
    }
    function addUpdate(Request $request)
    {
        echo json_encode($request);
        if ($request->id > 0) {
            $update = \App\Product::where('id','=', $request->id)->update($request-
>except(['_token']));
            if ($update) {
                return redirect('product')->with('update', 'Data');
            }else{
                return redirect('product')->with('error', 'Data');
            }
        }else{
            $add = \App\Product::create($request->except(['_token','id']));
            if ($add) {

```

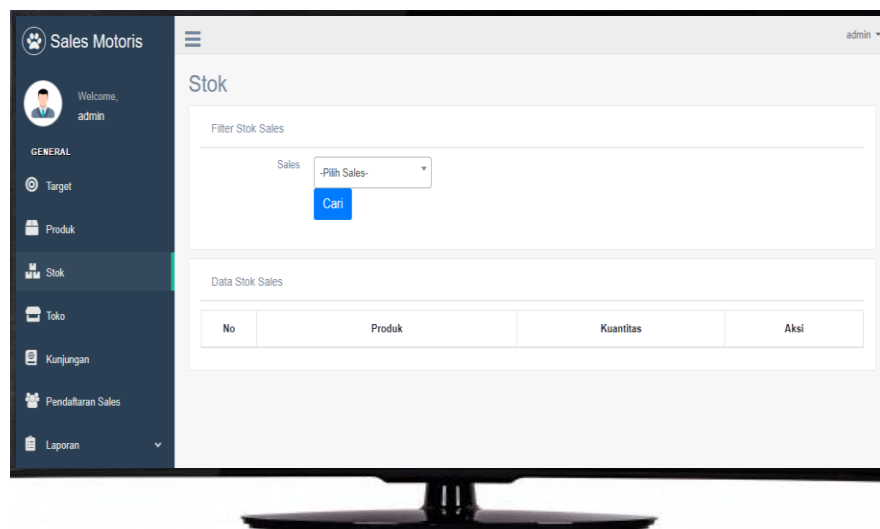
```

        return redirect('product')->with('add', 'Data');
    }else{
        return redirect('product')->with('error', 'Data');
    }
}
function getEdit(Request $request, $id)
{ $product = \App\Product::where('id', $id)->first();
  echo json_encode($product);
}
function delete(Request $request)
{ $delDetail = \App\DetailTransaction::where('id_product','=', $request->id)-
>delete();
  $delStock = \App\StockSales::where('id_product','=', $request->id)->delete();
  $delTrgFocus = \App\ProductFocus::where('id_product','=', $request->id)-
>delete();
}else{
  return redirect('product')->with('error', 'Data');
}
}

```

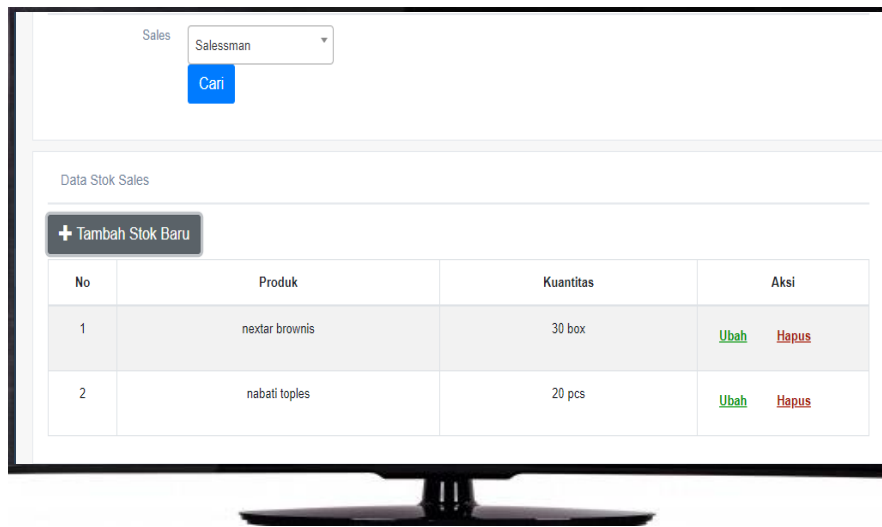
5.5.2.3 Halaman Stok

Halaman stok berfungsi sebagai menentukan banyaknya produk yang akan dibawah oleh setiap salesnya. Pertama Supervisor memilih menu stok yang berada di dalam aplikasi Supervisor seperti pada gambar 5.13 yang ada dibawah ini.



Gambar 5.13

Lalu Supervisor memilih sales yang akan menentukan jumlah banyaknya produk yang akan dibawah. Halaman tersebut menampilkan data-data produk yang dibawah oleh sales tersebut, dan terdapat menu menambahkan produk, edit dan hapus produk.



Gambar 5.14

Dan berikut ini kodingan dari halaman Stok.

A. Kodingan Layout View.

```
<head>
  <meta charset="utf-8">
  <meta name="csrf-token" content="{{ csrf_token() }}">
  <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.12/css/select2.min.css">
</head>
<!-- page content -->
<body>
  <div class="title_right">
    <div class="col-md-9 col-sm-9 form-group pull-right top_search">
      <!-- <span>Edit hapus data Asesor</span> -->
    </div>
    @if(!empty($data['stock']))
      <button class="btn btn-secondary" data-backdrop="static" data-keyboard="false"
data-toggle="modal" data-target=".modal-stock" onclick="return add();"><span
class="glyphicon glyphicon-plus"></span> Tambah Stok Baru</button>
    @endif
    <table class="table table-bordered table-striped" id="mytable">
      <thead>
        <tr><th width="80px"><center>No<center></th>
        </tr>
      </thead>
      @if(!empty($data['stock']))
        @foreach ($data['stock'] as $key=>$stock)
```

```

        <tr>
            <td><center>{{ $key+1 }}</center></td>
            <td><center>{{ $stock->product }}</center></td>
            <button type="button" class="btn transparent btn-green" data-backdrop="static"
data-keyboard="false" data-toggle="modal" data-target=".modal-stock" onclick="return
update({ {{ $stock->id }} );">Ubah</button>
        </td>
    @endforeach
@endif
</table>
</div>

<!-- stock Modal -->
<div class="modal fade modal-stock" id="modal-stock" tabindex="-1" role="dialog"
aria-hidden="true">
    <div class="modal-dialog modal-lg">
        <div class="modal-content">
            <h4 class="modal-title" id="update-label">Tambah Stok </h4><span> </span>
            <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">×</span>
            </button>
        </div>
        <div class="modal-body">
            <form action="{{ url('/') }}/stock" class="form-horizontal form-label-left"
method="POST">
                {{ csrf_field() }}
                <input type="hidden" id="stockId" name="id">
                <input type="hidden" name="id_sales" id="salesId">
                <div class="form-group row">
                    <label class="control-label col-md-2 col-sm-1 label-align">Nama Produk</label>
                    <div class="col-md-6 col-sm-6">
                        @if(!empty($data['product']))
                            <select class="form-control" style="width: 100%" id="product"
name="id_product" required>
                                <option value="">-Pilih Produk-</option>
                                @foreach($data['product'] as $i)
                                    <option value="{{ $i->id }}">{{ $i->name }}</option>
                                @endforeach
                            </select>
                        @endif
                        <span id="error_kode_unit_edit"></span>
                    </div>
                </div>
                <div class="form-group row">
                    <label class="control-label col-md-2 col-sm-2 label-align">Kuantitas</label>
                    <div class="input-group col-md-6 col-sm-6">
                        <input type="number" class="form-control" name="quantity" id="quantity"
value="" placeholder="" required>

```



```

        <span class="input-group-addon" id="unit"></span>
    </div>
    <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
        <input type="submit" class="btn btn-primary" name="" value="Simpan">
        <!-- <button type="submit" class="btn btn-primary">Simpan</button> -->
    </div>
</form>
</div>
<div class="spinner-border" role="status" id="load">
    <span class="sr-only">Loading...</span>
</div>
@stack('scripts')
<script src="{ { asset('resources/js/views/stock.js') } }"></script>
<script type="text/javascript">
    $(document).ready(function(){
        $("#product").on("input", function(){
            var prSelected = document.getElementById('product').value;
            var pr = (<?php echo json_encode($data['product']) ?>);
            pr.forEach(function(i){
                if (prSelected == i['id']) {
                    document.getElementById('unit').innerHTML = i['unit'];
                }
            }
        function update(id) {
            document.getElementById("load").style.visibility = "visible";
            var url = document.URL;
            var idSales = url.substring(url.lastIndexOf('/') + 1);
            $('#salesId').val(idSales);
            jQuery.ajax({
                url: '{ { url("/") } }'.concat('/stock/',id,'/edit'),
                contentType: "application/json; charset=utf-8",
                dataType: "json",
                success: function (result) {
                    if (result != '[]') {
                        document.getElementById('update-label').innerHTML = 'Ubah Stok ' +
result.product;
                        $('#stockId').val(id);
                        document.getElementById('product').value = result.id_product;
                        $('#quantity').val(result.quantity);
                        document.getElementById('unit').innerHTML = result.unit;

                        var sel = document.getElementById('product');
                        if (sel.options.length-1 > { { count($data['product']) } }) {
                            sel.removeChild( sel.options[sel.options.length-1] );
                        }
                    }
                }
            });
        }
    });

```

```

        var opt = document.createElement('option');
        opt.appendChild( document.createTextNode(result.product) );
        opt.value = result.id_product;
        sel.appendChild(opt);
        $('#product').val(result.id_product);
        document.getElementById("load").style.visibility = "hidden";
    }
    error: function (data, textStatus, errorThrown) {
        console.log(data);
        pnotify('Error', textStatus, 'error');
    }
    @if (Session::has('add'))
    setTimeout(function() {
        pnotify('Sukses', 'Stok berhasil ditambahkan', 'success');
        console.log('aaaa');
    }, 2000);
    @endif
    @endif
</script>
</body>

```

B. Kodingan Controller

```

<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class StockController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        $data['stock'] = null;
        $data['sales'] = \App\User::where('level','sales')->get();
        $data['product'] = [];
        return \Template::display_gentelella('stock', 'Target', $data);
    }
    function getId(Request $request, $id)
    {
        $data['request'] = $request;
        $data['sales'] = \App\User::where('level','sales')->get();
        $data['stock'] = \App\StockSales::select('users.id', 'users.name', 'stock_sales.id',
        'stock_sales.id_sales', 'stock_sales.id_product', 'stock_sales.quantity', 'products.unit',
        'products.name AS product')
        ->join('users', 'users.id', '=', 'stock_sales.id_sales')
        ->join('products', 'products.id', '=', 'stock_sales.id_product')
        ->where('stock_sales.id_sales',$id)
    }
}

```

```

        ->get();
        $product = \App\Product::select('products.id', 'products.name',
'stock_sales.id_product', 'stock_sales.id_sales')
        ->join('stock_sales', 'stock_sales.id_product', '=', 'products.id')
        ->where('stock_sales.id_sales', '=', $id)
        ->get();
        $notStock = [];
        foreach ($product as $pr) {
            array_push($notStock, $pr->id);
        }
        $data['product'] = \App\product::whereNotIn('id', $notStock)->get();
        return \Template::display_gentelella('stock', 'Target', $data);
    }

function addUpdate(Request $request)
{
    if ($request->id > 0) {
        $update = \App\StockSales::where('id','=', $request->id)->update($request-
>except(['_token']));
        if ($update) {
            return redirect('stock/'.$request->id_sales)->with('update', 'Data');
        }else{
            return redirect('stock/'.$request->id_sales)->with('error', 'Data');
        }
    }else{
        $add = \App\StockSales::create($request->except(['_token','id']));
        if ($add) {
            return redirect('stock/'.$request->id_sales)->with('add', 'Data');
        }else{
            return redirect('stock/'.$request->id_sales)->with('error', 'Data');
        }
    }
}

function getEdit($id)
{
    $stock = \App\StockSales::select('stock_sales.id_sales',
'stock_sales.id_product', 'stock_sales.quantity', 'products.name AS product',
'products.unit')
        ->join('products', 'products.id', '=', 'stock_sales.id_product')
        ->where('stock_sales.id',$id)
        ->first();
    echo(json_encode($stock));
}

function delete(Request $request)
{
    $del = \App\StockSales::where('id',$request->id)->delete();
}

```

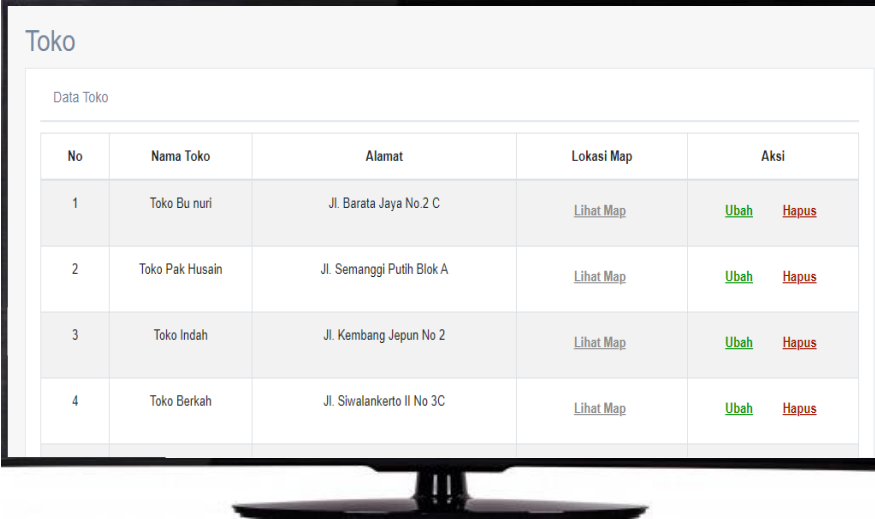
```

        if ($del) {
            return redirect('stock/' . $request->id_sales)->with('delete', 'Data');
        }else{
            return redirect('stock/' . $request->id_sales)->with('error', 'Data');
        }
    }
}
}

```

5.5.2.4 Halaman Toko

Halaman toko ini berisikan dengan informasi tentang daftar nama-nama toko semua salesnya. Dan supervisor pada halaman toko memiliki fitur edit di setiap data tokonya. Supervisor juga dapat memberikan akses terima atau tidaknya apabila terdapat toko baru yang ditambahkan oleh sales.



No	Nama Toko	Alamat	Lokasi Map	Aksi
1	Toko Bu nuri	Jl. Barata Jaya No.2 C	Lihat Map	Ubah Hapus
2	Toko Pak Husain	Jl. Semanggi Putih Blok A	Lihat Map	Ubah Hapus
3	Toko Indah	Jl. Kembang Jepun No 2	Lihat Map	Ubah Hapus
4	Toko Berkah	Jl. Siwalankerto II No 3C	Lihat Map	Ubah Hapus

Gambar 5.15

Dan berikut adalah kodingan dari halaman Toko.

A. Kodingan layout view.

```

<head>
    <meta charset="utf-8">
    <meta name="csrf-token" content="{{ csrf_token() }}">
</head>
<!-- page content -->
<div class="right_col" role="main">
    <div class="page-title">
        <div class="title_left">
            <h3>Toko</h3>

```

```

</div>
<div class="title_right">
  <div class="col-md-9 col-sm-9 form-group pull-right top_search">
  </div>
</div>
<div class="clearfix"></div>
<div class="row">
  </div>
  <table class="table table-bordered table-striped" id="mytable">
    <thead>
      <tr><th width="80px"><center>No<center></th>
      </tr>
    </thead>
    @foreach ($data['store'] as $key=>$store)
      <tr>
        <td><center>{ { $key+1 } }</center></td>
        <button type="button" class="btn transparent btn-grey" data-
backdrop="static" data-keyboard="false" data-toggle="modal" data-target=".modal-
map" onclick="return initMap({ { $store->coordinate } });">Lihat Map</button>
        </center></td>
        <?php
        } else { ?>
        <button type="button" class="btn transparent btn-green" data-
backdrop="static" data-keyboard="false" data-toggle="modal" data-target=".modal-
edit-store" onclick="return edit({ { $store->id } });">Ubah</button>
        <?php
      <!-- Edit Store Modal -->
      <div class="modal fade modal-edit-store" tabindex="-1" role="dialog" aria-
hidden="true">
        <div class="modal-dialog modal-xl">
          <div class="modal-content">
            <div class="modal-header">
              <h4 class="modal-title" id="update-label">Ubah Toko </h4><span> </span>
              <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">x</span>
            </button>
          </div>
          <div class="modal-body">
            <form action="{ { url('/') } }/store" class="form-horizontal form-label-left"
method="POST">
              <div class="row" id="maps">
                { { csrf_field() } }
                <input type="hidden" id="storeId" name="id">
                <div class="form-group row">
                  <label class="control-label col-md-2 col-sm-2 label-align">Toko</label>
                  <div class="input-group col-md-6 col-sm-6">

```

```

        <input type="text" class="form-control" name="name" id="name" value=""
placeholder="" required>
    </div>
    <div class="form-group row">
        <label class="control-label col-md-2 col-sm-2 label-align">Alamat</label>
        <div class="input-group col-md-6 col-sm-6">
            <input type="text" class="form-control" name="address" id="address"
value="" placeholder="" required>
        </div>
    <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
        <input type="submit" class="btn btn-primary" name="" value="Simpan">
        <!-- <button type="submit" class="btn btn-primary">Simpan</button> -->
    </div>
<!-- /edit Store Modal -->
<!-- Map Modal -->
<div class="modal fade modal-map" tabindex="-1" role="dialog" aria-hidden="true">
    <h4 class="modal-title" id="myModalLabel">Map </h4><span> </span>
    <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">×</span>
    </button>
</div>
<div class="modal-body">
    <div class="col" id="pano"></div>
</div>
<div class="modal-footer">
    <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
    <input type="submit" class="btn btn-primary" name="" value="Simpan">
    <!-- <button type="submit" class="btn btn-primary">Simpan</button> -->
</div>
<!-- /Map Modal -->
<!-- Confirm Approve Modal -->
<div class="modal fade modal-confi" tabindex="-1" role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-sm">
        <div class="modal-content">
            <form action="{ {url('/') } }/store/approve" method="post" accept-charset="utf-8">
                @csrf
                <div class="modal-header">
                    <h4 class="modal-title" id="myModalLabel">Setujui Toko</h4>
                    <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
                </div>
                <div class="modal-body body-confi" id="md-body-confi">

```

```

        <input type="text" name="id" id="storeId">
        <div class="modal-footer">
            <button type="button" class="btn btn-secondary" data-
dismiss="modal">Batal</button>
            <input type="submit" class="btn btn-success" name="" value="Ya">
        </div>
<!-- /Confirm Approve Modal -->
<!-- Confirm Del Modal -->
<div class="modal fade modal-delete-store" tabindex="-1" role="dialog" aria-
hidden="true">
    <div class="modal-dialog modal-sm">
        <div class="modal-content">
            <form action="{ { url('/') } }/store/del" method="post" accept-charset="utf-8">
                @csrf
                <div class="modal-header">
                    <h4 class="modal-title" id="myModalLabel">Hapus Toko</h4>
                    <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
                </div>
            </div>
        </div>
<!-- /Confirm Del Modal -->
<!-- /page content-->
<script src="{ { asset('resources/js/views/store.js') } }"></script>
<script
src="https://maps.googleapis.com/maps/api/js?key=AIzaSyDpgqgMyPGWmhiw8yXy
JJ7UuNAOpBWBSDA"
async defer></script>
<script type="text/javascript">
    function edit(id) {
        console.log(id);
        jQuery.ajax({
            url: '{ { url('/') } }'.concat('/store/',id,'/edit'),
            contentType: "application/json; charset=utf-8",
            dataType: "json",
            success: function (result) {
                if (result != '[]') {
                    console.log(result);
                    document.getElementById('update-label').innerHTML = 'Ubah Toko ' +
result.name;
                    $('#storeId').val(result.id);
                    $('#name').val(result.name);
                    $('#address').val(result.address);
                }
            },
            error: function (data, textStatus, errorThrown) {
                console.log(data);
            }
        });
    }
}

```

```

        pnotify('Error', textStatus,'error');
    }
    @if (Session::has('approve'))
    console.log("ini approve");
    setTimeout(function() {
        pnotify('Sukses', 'Toko berhasil disetujui','success');
    }, 2000);
    @endif
    @if (Session::has('update'))
    setTimeout(function() {
        pnotify('Sukses', 'Toko berhasil diperbarui','success');
    }, 2000);
    }
</script>

```

B. Koding Controller

```

<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\User;
use Illuminate\Support\Facades\Auth;
class StoreController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        $data['store'] = \App\Store::get();
        // echo(Auth::user()->email);
        return \Template::display_gentelella('store', 'Toko', $data);
        // return view('layouts.dashboard');
    }
    function approve(Request $request)
    {
        $approve = \App\Store::where('id','=', $request->id)->update(['status' =>
1]);
        echo $approve;
        if ($approve) {
            return redirect('store')->with('approve', 'Data');
        }else{
            return redirect('store')->with('error', 'Data');
        }
    }
    function getEdit(Request $request, $id)
    {
        $product = \App\Store::where('id', $id)->first();
        echo json_encode($product);
    }
}

```



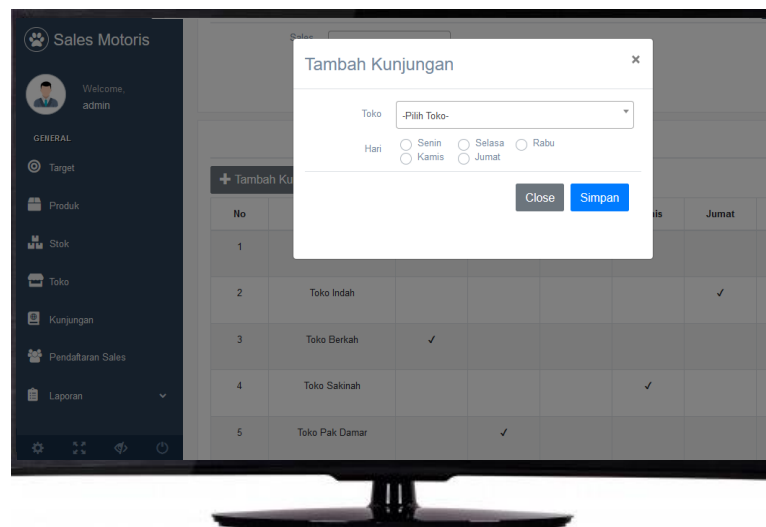
```

    }
    function update(Request $request)
    {
        $update = \App\Store::where('id','=', $request->id)->update($request-
>except(['_token']));
        if ($update) {
            return redirect('store')->with('update', 'Data');
        }else{
            return redirect('store')->with('error', 'Data');
        }
    }
    function delete(Request $request)
    {
    }
}
}

```

5.5.2.5 Halaman Kunjungan

Pada aplikasi sales terdapat fitur daftar kunjungan. Data daftar kunjungan tersebut diisikan oleh Supervisor. Jadi fitur ini berfungsi sebagai mengatur jadwal kunjungan setiap salesnya. pada fitur ini Supervisor dapat menambahkan, mengedit dan menghapus data kunjungan.



Gambar 5.16

Dan berikut adalah kodingan dari halaman kunjungan.

A. Kodingan layout view

```

<head>
<meta charset="utf-8">

```

```

<meta name="csrf-token" content="{{ csrf_token() }}">
<link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.12/css/select2.min.css">
</head>
<!-- page content -->
<div class="right_col" role="main">
  <div class="page-title">
    <div class="title_left">
      <h3>Kunjungan</h3>
    </div>
    <div class="form-group row">
      <label class="control-label col-md-2 col-sm-2 label-align">Sales</label>
      <div class="input-group col-md-3 col-sm-12">
        <div style="width: 170px">
          <select class="form-control" style="width: 100%" id="filSales"
name="id_store" required>
            <option value="">-Pilih Sales-</option>
            @foreach($data['sales'] as $i)
              <option value="{{ $i->id }}">{{ $i->name }}</option>
            @endforeach
          </select>
        </div>
        <div class="input-group-btn">
          <button type="button" class="btn btn-primary" onclick="return
filSearch();">Cari</button>
        </div>
      </div>
      <div class="row">
        <div class="col-md-12 col-sm-12">
          <div class="x_panel">
            <div class="x_title">
              <h2><small></small></h2>
            <div class="clearfix"></div>
          </div>
          @if(!empty($data['visit']))
            <button class="btn btn-secondary" data-backdrop="static" data-keyboard="false"
data-toggle="modal" data-target=".modal-visit" onclick="return add();"><span
class="glyphicon glyphicon-plus"></span> Tambah Kunjungan Baru</button>
          @endif
          <table class="table table-bordered table-striped" id="mytable">
            <thead>
              <tr><th width="80px"><center>No</center></th>
                <th><center>Toko</center></th>
                <th width="100px"><center>Senin</center></th>
              </tr>
            </thead>
          <!-- Visit Modal -->

```

```

<div class="modal fade modal-visit" id="modal-visit" tabindex="-1" role="dialog"
aria-hidden="true">
  <div class="modal-dialog modal-md">
    <h4 class="modal-title" id="update-label">Kunjungan </h4><span> </span>
    <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">×</span>
    </button>
  </div>
  <div class="modal-body">
    <form action="{ {url('/')} }/visitation" class="form-horizontal form-label-left"
method="POST">
      { {csrf_field()}}
      <input type="hidden" id="visitId" name="id">
      <input type="hidden" name="id_sales" id="salesId">
      <div class="form-group row">
        <label class="control-label col-md-3 col-sm-1 label-align">Toko</label>
        <div class="col-md-9 col-sm-6">
          @if(!empty($data['store']))
          <select class="form-control" style="width: 100%" id="sel_store"
name="id_store" required>
            <option value="">-Pilih Toko-</option>
            @foreach($data['store'] as $i)
            <option value="{ { $i->id } }">{ { $i->name } }</option>
            @endforeach
          </select>
          @endif
          <span id="error_kode_unit_edit"></span>
        </div>
      </div>
      <div class="form-group">
        <label class="control-label col-md-3 col-sm-2 label-align" style="margin-right:
30px">Hari</label>
        <div class="row">
          <div class="col-md-3 col-sm-2 custom-control custom-radio">
            <input type="radio" class="custom-control-input" value="Senin"
id="chSenin" name="days" required>
            <label class="custom-control-label" for="chSenin">Senin</label>
          </div>
          <div class="col-md-3 col-sm-2 custom-control custom-radio">
            <input type="radio" class="custom-control-input" value="Selasa"
id="chSelasa" name="days" required>
            <label class="custom-control-label" for="chSelasa">Selasa</label>
          </div>
          <div class="col-md-3 col-sm-2 custom-control custom-radio">
            <input type="radio" class="custom-control-input" value="Rabu"
id="chRabu" name="days" required>
            <label class="custom-control-label" for="chRabu">Rabu</label>

```

```

        </div>
        <div class="row">
            <div class="col-md-3 col-sm-2 custom-control custom-radio">
                <input type="radio" class="custom-control-input" value="Kamis"
id="chKamis" name="days" required>
                <label class="custom-control-label" for="chKamis">Kamis</label>
            </div>
            <div class="col-md-3 col-sm-2 custom-control custom-radio">
                <input type="radio" class="custom-control-input" value="Jumat"
id="chJumat" name="days" required>
                <label class="custom-control-label" for="chJumat">Jumat</label>
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
                <input type="submit" class="btn btn-primary" name="" value="Simpan">
                <!-- <button type="submit" class="btn btn-primary">Simpan</button> -->
            </div>
        </form>
    </div>
    <div class="spinner-border" role="status" id="load">
        <span class="sr-only">Loading...</span>
    </div>
<!-- /Visit Modal -->
<!-- Confirm Del Modal -->
    <div class="modal fade modal-confi" tabindex="-1" role="dialog" aria-
hidden="true">
        <div class="modal-dialog modal-sm">
            <div class="modal-content">
                <form action="{ {url('/')} }/visitation/del" method="post" accept-charset="utf-8">
                    @csrf
                    <div class="modal-header">
                        <h4 class="modal-title" id="myModalLabel">Hapus Kunjungan</h4>
                        <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
                    </div>
                    <div class="modal-body body-confi" id="md-body-confi">
                    </div>
                    <input type="hidden" name="id" id="delVisitId">
                    <div class="modal-footer">
                        <button type="button" class="btn btn-secondary" data-
dismiss="modal">Batal</button>
                        <input type="submit" class="btn btn-success" name="" value="Ya">
                    </div>
                <!-- /Confirm Del Modal -->
            </div>

```

```

</div>
<!-- /page content-->
<script src="{{ asset('resources/js/views/visitation.js') }}"></script>
<script type="text/javascript">
function base_url() {
    var APP_URL = {!! json_encode(url('/')) !!};
    return APP_URL;
}
function edit(id) {
    document.getElementById("load").style.visibility = "visible";
    var url = document.URL;
    var idSales = url.substring(url.lastIndexOf('/') + 1);
    $('#salesId').val(idSales);
    $('#visitId').val(id);
    document.getElementById('chSenin').checked = false;
    var vt = (<?php echo json_encode($data['visit']) ?>);
    vt.forEach(function(i) {
        if (i['id'] == id) {
            if (i['days'] == 'Senin') {
                document.getElementById('chSenin').checked = true;
            }
        }
    });
    jQuery.ajax({
        url: '{{ url('/') }}'.concat('/visitation/', id, '/edit'),
        contentType: "application/json; charset=utf-8",
        dataType: "json",
        success: function (result) {
            if (result != '[]') {
                document.getElementById('update-label').innerHTML = 'Ubah Kunjungan ' +
result.store;
                var sel = document.getElementById('sel_store');
                if (sel.options.length-1 > {{ count($data['store']) }}) {
                    sel.removeChild( sel.options[sel.options.length-1] );
                }
                var opt = document.createElement('option');
                opt.appendChild( document.createTextNode(result.store) );
                opt.value = result.id_store;
                sel.appendChild(opt);
                document.getElementById('sel_store').value = result.id_store;
                document.getElementById("load").style.visibility = "hidden";
            }
        },
        error: function (data, textStatus, errorThrown) {
            console.log(data);
            pnotify('Error', textStatus, 'error');
        }
    });
    @if (Session::has('add'))
    setTimeout(function() {

```

```

        pnotify('Sukses', 'Stok berhasil ditambahkan','success');
        console.log('aaaa');
    }, 2000);
    @endif
</script>

```

B. Kodingan Controller

```

<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class VisitationController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        $data['sales'] = \App\User::where('level','sales')->get();
        $data['visit'] = [];
        $data['store'] = [];
        return \Template::display_gentelella('visitation', 'Target', $data);
    }
    function getId(Request $request, $idSales)
    {
        $data['request'] = $request;
        $data['sales'] = \App\User::where('level','sales')->get();
        $data['visit'] =
        \App\Visitation::select('visitation.id','visitation.id_sales','visitation.days','visitation.id_s
        tore', 'stores.name as store')
        ->join('stores', 'stores.id', '=', 'visitation.id_store')
        ->where('visitation.id_sales', $idSales)
        ->where('stores.status', '1') //approved store
        ->get();
        $store = \App\Store::select('stores.id', 'stores.name', 'visitation.id_store',
        'visitation.id_sales')
        ->join('visitation', 'visitation.id_store', '=', 'stores.id')
        ->get();
        $notStore = [];
        foreach ($store as $st) {
            array_push($notStore, $st->id);
        }
        $data['store'] = \App\Store::whereNotIn('id', $notStore)
        ->where('stores.status', '1') //approved store
        ->get();
        return \Template::display_gentelella('visitation', 'Target', $data);
    }
    function getEdit(Request $request, $id)

```

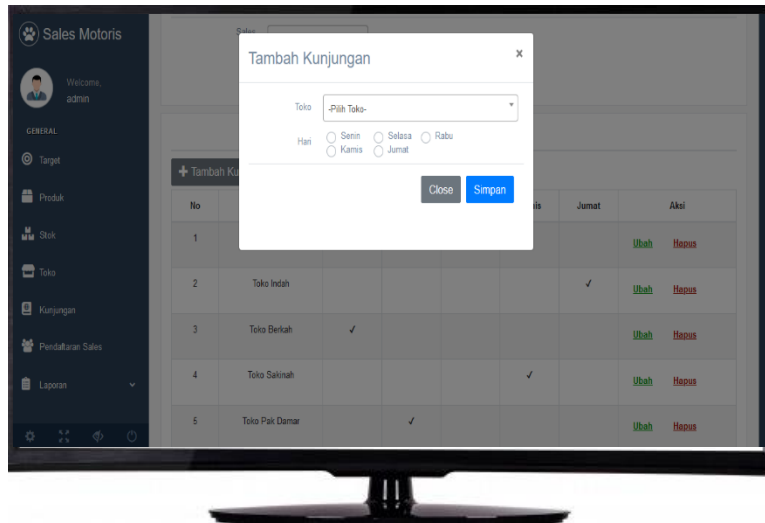
```

        {
            $data =
\App\Visitation::select('visitation.id','visitation.id_sales','visitation.days','visitation.id_s
tore', 'stores.name as store')
            ->join('stores', 'stores.id', '=', 'visitation.id_store')
            ->where('visitation.id', $id)
            ->where('stores.status', '1') //approved store
            ->first();
            echo(json_encode($data));
        }
        function addUpdate(Request $request)
        {
            if ($request->id > 0) {
                $update = \App\Visitation::where('id','=', $request->id)->update($request-
>except(['_token']));
                if ($update) {
                    return redirect('visitation/'.$request->id_sales)->with('update', 'Data');
                }else{
                    return redirect('visitation/'.$request->id_sales)->with('error', 'Data');
                }
            }else{
                $add = \App\Visitation::create($request->except(['_token','id']));
                if ($add) {
                    return redirect('visitation/'.$request->id_sales)->with('add', 'Data');
                }else{
                    return redirect('visitation/'.$request->id_sales)->with('error', 'Data');
                }
            }
            function delete(Request $request)
            {
                $delDetailTransaction = \App\Transaction::where('id_visitation',$request->id)-
>delete();
                $delTransaction = \App\Transaction::where('id_visitation',$request->id)-
>delete();
                $del = \App\Visitation::where('id',$request->id)->delete();
                if ($del) {
                    return redirect('visitation/'.$request->id_sales)->with('delete', 'Data');
                }else{
                    return redirect('visitation/'.$request->id_sales)->with('error', 'Data');
                }
            }
        }
    }

```

5.5.2.6 Halaman Pendaftaran Sales

sebelum untuk login di aplikasi sales Supervisor membuatkan akun sales terlebih dahulu seperti pada gambar 5.17 dibawah ini. kemudian Supervisor memberi tahu username dan password kepada sales untuk melakukan login.



Gambar 5.17

Dan berikut adalah kodingan dari halaman Pendaftaran Sales.

A. Kodingan layout view

```
<head>
  <meta charset="utf-8">
  <meta name="csrf-token" content="{{ csrf_token() }}">
  <link rel="stylesheet" href="{{ asset('css/register.css') }}">
  <!-- <link rel="stylesheet" href="{{
asset('assets/table_horz_scroll/vendor/bootstrap/css/bootstrap.min.css') }}"> -->
</head>
<!-- page content -->
<body>
  <div class="right_col" role="main">
    <div class="page-title">
      <div class="title_left">
        <h3>Pendaftaran Sales</h3>
      </div>
      <section class="ftco-section">
        <div class="container-reg">
          <h2>Form Pendaftaran</h2>
          <form action="<?php echo url('/');?>/sales/register" method="POST">
            {{ csrf_field() }}
            <div class="input-group input-group-icon">
              <input type="text" class="form-control" name="name" placeholder="Nama
Lengkap" required>
              <div class="input-icon">
                <i class="fa fa-user"></i>
              </div>
            </div>
```



```

        <input type="text" class="form-control" name="username" id="username"
placeholder="Username" required>
        <div class="input-icon">
        <i class="fas fa-user-circle"></i>
        </div>
        <span id="error_username"></span>
        </div>
        <div class="input-group input-group-icon">
        <input type="email" class="form-control" name="email" id="email"
placeholder="Email" required>
        <div class="input-icon">
        <i class="far fa-envelope"></i>
        </div>
        <span id="error_email"></span>
        </div>
        <div class="input-group input-group-icon">
        <input type="password" class="form-control" name="password"
placeholder="Password" required>
        <div class="input-icon">
        <i class="fas fa-key"></i>
        </div>
$.ajax({
    if (result == 'false') {
        $('#error_email').html('<label class="text-danger">Email telah
terdaftar</label>');
        $('#email').addClass('has-error');
        $('#submit').attr('disabled','disabled');
        formEmail = false;
    }
    else{
        $('#error_email').html("");
        $('#email').removeClass('has-error');
        formEmail = true;
    }

    if(formUsername && formEmail){
        $('#submit').attr('disabled',false);

        @if (Session::has('add'))
        setTimeout(function() {
            pnotify('Sukses', 'Sales berhasil didaftarkan','success');
        }, 2000);
        @endif
        function pnotify(title, text, type) {
            new PNotify({
                title: title,

```

```

        text: text,
        type: type,
        styling: 'bootstrap3'
    });
    }
</script>
</body>

```

B. Kodingan controller

```

<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class SalesController extends Controller
{
    function index(Request $request)
    {
        $data['request'] = $request;
        return \Template::display_gentelella('register_sales', 'Daftar Sales', $data);
    }
    function register(Request $request)
    {
        $request->merge(['level' => 'sales']);
        $request->merge(['api_token' => base64_encode(random_bytes(32))]);
        $request->merge(['password' => password_hash($request->password,
PASSWORD_DEFAULT)]);
        $add = \App\User::create($request->except(['_token']));
        if ($add) {
            return redirect('sales/register')->with('add', 'Data');
        }else{
            return redirect('sales/register')->with('error', 'Data');
        }
    }
    function registerCekUsername(Request $request)
    {
        $data = \App\User::select('username')
->where('username', $request->username)
->get();
        // echo(json_encode($data));
        // echo $request->username;
        if (count($data) > 0) {
            echo 'false';
        }else {
            echo 'true';
        }
    }
}
function registerCekEmail(Request $request)

```

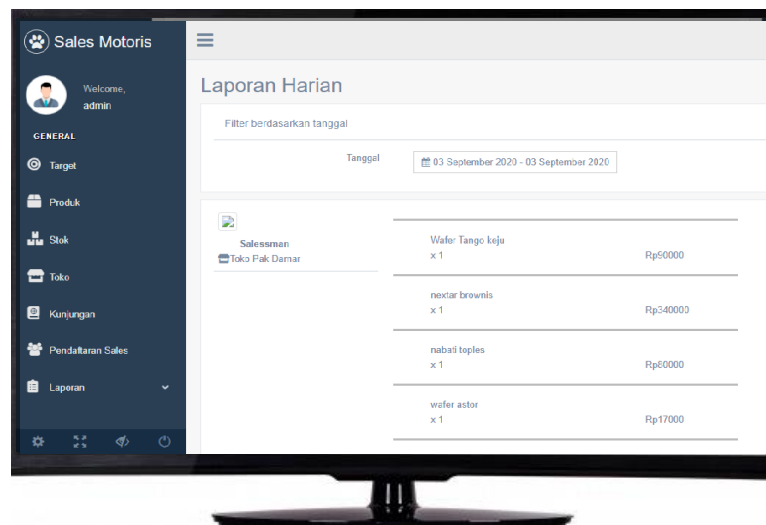
```

{
    $data = \App\User::select('email')
    ->where('email', $request->email)
    ->get();
    if (count($data) > 0) {
        echo 'false';
    }else {
        echo 'true';
    }
}

```

5.5.2.7 Halaman Laporan Supervisor

Pada aplikasi Supervisor terdapat menu laporan yang bertujuan untuk melihat report dari hasil kerja para sales. Yang meliputi laporan transaksi harian, laporan target sales, dan laporan toko yang sudah transaksi atau belum



Dan berikut adalah kodingan dari halaman Laporan Supervisor.

A. Kodingan layout view

```

<head>
    <meta charset="utf-8">
    <meta name="csrf-token" content="{{ csrf_token() }}">
    <!-- <link rel="stylesheet" href="{{
asset('assets/table_horz_scroll/vendor/bootstrap/css/bootstrap.min.css') }}"> -->
    <!-- <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"> -->
</head>
<!-- page content -->

```

```

<div class="right_col" role="main">
  <div class="page-title">
    <div class="title_left">
      <h3>Laporan Harian</h3>
    </div>
    <div class="title_right">
      <div class="col-md-9 col-sm-9 form-group pull-right top_search">
      </div>
    </div>
  </div>
  <div class="clearfix"></div>
  <div class="row">
    <div class="col-md-12 col-sm-12">
      <div class="x_panel">
        <div class="x_title">
          <h2><small>Filter berdasarkan tanggal</small></h2>
          <div class="clearfix"></div>
        </div>
        <div class="x_content">
          <div class="item form-group row ">
            <label class="control-label col-md-3 col-sm-3 label-align">Tanggal</label>
            <div class="col-md-4 col-sm-3">
              <div id="reportrange" class="pull-right" style="background: #fff; cursor:
pointer; padding: 5px 10px; border: 1px solid #ccc">
                <i class="fa fa-calendar"></i>
                <span id="tanggal">{{ $data['date_picker'] }}</span> <b class="caret"></b>
              </div>
            </div>
          </div>
          <?php
if(count($data['report']) == null){
  echo("Tidak ada data");
}
?>
          @foreach ($data['report'] as $daily)
            <div class="row">
              <div class="col-md-12 col-sm-12">
                <div class="x_panel">
                  <div class="container">
                    <div class="row">
                      <div class="col-md-3">
                        <div class="x_title">
                          <table style="width: 100%; border-collapse: collapse; border-style:
hidden;">
                            <tbody>
                              <tr style="height: 21px;">
                                <td style="width: 17.2505%; height: 39px;" rowspan="2">
                                  <a href="#" class="pop">
                                    
                                  </a>
                                </td>
                                <td style="width: 82.7495%; height: 39px;">
                                  <div class="x_content">
                                    <div class="item form-group row ">
                                      <label class="control-label col-md-3 col-sm-3 label-align">Tanggal</label>
                                      <div class="col-md-4 col-sm-3">
                                        <div id="reportrange" class="pull-right" style="background: #fff; cursor:
pointer; padding: 5px 10px; border: 1px solid #ccc">
                                          <i class="fa fa-calendar"></i>
                                          <span id="tanggal">{{ $data['date_picker'] }}</span> <b class="caret"></b>
                                        </div>
                                      </div>
                                    </div>
                                  </div>
                                </td>
                              </tr>
                              <tr style="height: 21px;">
                                <td style="width: 17.2505%; height: 39px;" rowspan="2">
                                  <a href="#" class="pop">
                                    
                                  </a>
                                </td>
                                <td style="width: 82.7495%; height: 39px;">
                                  <div class="x_content">
                                    <div class="item form-group row ">
                                      <label class="control-label col-md-3 col-sm-3 label-align">Tanggal</label>
                                      <div class="col-md-4 col-sm-3">
                                        <div id="reportrange" class="pull-right" style="background: #fff; cursor:
pointer; padding: 5px 10px; border: 1px solid #ccc">
                                          <i class="fa fa-calendar"></i>
                                          <span id="tanggal">{{ $data['date_picker'] }}</span> <b class="caret"></b>
                                        </div>
                                      </div>
                                    </div>
                                  </div>
                                </td>
                              </tr>
                            </tbody>
                          </table>
                        </div>
                      </div>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```

```

        </td>
      </tr>
    </tr></tr>
    <tr style="height: 21px;">
      <td style="width: 17.2505%; height: 21px; padding-left:
30px;"><b>{{ $daily->name }}</b></td>
    </tr>
    <tr style="height: 21px;">
      <td style="width: 17.2505%; height: 21px;"><i class="fas fa-
store"></i>{{ $daily->store }}</td>
    </tr>
  </tbody>
</table>
</div>
<div class="col-md-6">
  <p></p>
  <hr class="solid">
  @foreach ($daily->product as $product)
    <table style="height: 40px; width: 100%; border-collapse: collapse; border-
style: hidden; margin-left: 50px">
      <tbody>
        <tr style="height: 10px;">
          <td style="width: 55.414%; height: 15px;" colspan="2">{{ $product-
>product }}</td>
        </tr>
        <tr style="height: 10px;">
          <td style="width: 1%; height: 15px;">x</td>
          <td style="width: 48.9889%; height: 15px;">{{ $product->quantity }}</td>
          <td style="width: 30.441%; height: 15px;">Rp{{ $product-
>sub_total }}</td>
        </tr>
      </tbody>
    </table>
    <p></p>
    <hr class="solid">
  @endforeach
</div>
<div class="col-md-3">
  <center>{{ $daily->date }}</center>
</div>
  @endforeach
</div>
<!-- Image Modal -->
<div class="modal fade" id="imagemodal" tabindex="-1" role="dialog" aria-
labelledby="myModalLabel" aria-hidden="true">
  <div class="modal-dialog">

```

```

<div class="modal-content">
  <div class="modal-body">
    <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">&times;</span><span class="sr-only">Close</span></button>
    <img src="" class="imagepreview" style="width: 100%;" >
  </div>
<!-- Map Modal -->
<div class="modal fade modal-map" id="modal-edit-visit" tabindex="-1"
role="dialog" aria-hidden="true">
  <div class="modal-dialog modal-xl">
    <div class="modal-content">
      <div class="modal-header">
        <h4 class="modal-title" id="myModalLabel">Map </h4><span> </span>
        <button type="button" class="close" data-dismiss="modal"><span aria-
hidden="true">&times;</span></button>
      </div>
      <div class="modal-body">
        <div class="row" id="maps">
          <div class="col" id="map"></div>
          <div class="col" id="pano"></div>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-secondary" data-
dismiss="modal">Close</button>
          <input type="submit" class="btn btn-primary" name="" value="Simpan"
onclick="return validateFormUpdate();">
          <!-- <button type="submit" class="btn btn-primary">Simpan</button> -->
        </div>
      </div>
    </div>
  </div>
<!-- /Map Modal -->
<!-- Confirm Approve Modal -->
<div class="modal fade modal-confi" tabindex="-1" role="dialog" aria-hidden="true">
  <div class="modal-dialog modal-sm">
    <div class="modal-content">
      <form action="{ {url('/') } }/visit/crud/approve" method="post" accept-charset="utf-
8">
        @csrf
        <div class="modal-header">
          <button type="button" class="close" data-dismiss="modal" aria-
label="Close"><span aria-hidden="true">&times;</span></button>
          <h4 class="modal-title" id="myModalLabel">Setujui Toko</h4>
        </div>
        <div class="modal-body body-confi" id="md-body-confi">
          <input type="hidden" name="id" id="visitId">
        </div>
        <div class="modal-footer">

```

```

        <button type="button" class="btn btn-secondary" data-
dismiss="modal">Batal</button>
        <input type="submit" class="btn btn-success" name="" value="Ya">
    </div>
<!-- /Confirm Approve Modal -->
</div>
<!-- /page content-->
<script src="{ { asset('resources/js/views/report.js') } }"></script>
<script type="text/javascript">
    function tgl(a, b) {
        // document.body.innerHTML += '<form id="btn-number-action"
action="pendaftaran" method="post">{ { csrf_field() } }<input type="hidden"
id="jtgl_start" name="tgl_start" value=""><input type="hidden" id="jtgl_end"
name="tgl_end" value=""></form>';
        $('#jtgl_start').val(a);
        $('#jtgl_end').val(b);
        // document.getElementById("btn-number-action").submit();
    }
    function funTglStart(){
        console.log('funTglStart');
        var start = $('#tgl_start').val();
        if (start == 0) {
            return 0;
        }
        var datearrayA = start.split("-");
        // console.log("aaaaaaa" + datearrayA[1] + '/' + datearrayA[0] + '/' +
datearrayA[2]);
        return datearrayA[1] + '/' + datearrayA[0] + '/' + datearrayA[2];
    }
    function funTglEnd(){
        var end = $('#tgl_start').val();
        if (end == 0) {
            return 0;
        }
        var datearrayB = end.split("-");
        return datearrayB[1] + '/' + datearrayB[0] + '/' + datearrayB[2];
    }
    @if (Session::has('approve'))
    console.log("ini approve");
    setTimeout(function() {
        pnotify('Sukses', 'Toko berhasil disetujui','success');
        console.log('aaaa');
    }, 2000);
    @endif

```